TABLE 5, page 1 of 4

hCV	Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV108175	C/T	ATTGCTTTTGCTACATTGTTG (SEQ ID NO: 49583)	AAATTGCTTTTGCTACATTGTTA (SEQ ID NO: 49584)	CTTTCAAAGCAATGTGAGATTC (SEQ ID NO: 49585)
hCV11159941	C/T	CCCGTTGGTTCCGAAAG (SEQ ID NO: 49586)	CCCGTTGGTTCCGAAAA (SEQ ID NO: 49587)	TGAATAGCCATTAGAAAAAACTGT (SEQ ID NO: 49588)
hCV11195029	A/G	GGATGGTCTTCTCTTTGTCAA (SEQ ID NO: 49589)	GGATGGTCTTCTCTTTGTCAG (SEQ ID NO: 49590)	TTTGATGCCAACCCATATG (SEQ ID NO: 49591)
hCV11276786	A/T	CATTTGTATTTCTTCTGGGGA (SEQ ID NO: 49592)	CATTTGTATTTCTTCTGGGGT (SEQ ID NO: 49593)	TCCTAAGCCAGCCTATTCTAAA (SEQ ID NO: 49594)
hCV11297739	G/T	TCAGCTCATGATGTGTGATG (SEQ ID NO: 49595)	CTCAGCTCATGATGTGTGATT (SEQ ID NO: 49596)	CCTGTATGCAGCTTAAGTTGATAA (SEQ ID NO: 49597)
hCV11356754	C/T	GCTTCACATCACATACATCG (SEQ ID NO: 49598)	GGCTTCACATCACATACATCA (SEQ ID NO: 49599)	TCCAATTCCTGCCTCATG (SEQ ID NO: 49600)
hCV11405566	A/G	CGGCTCGAGGTTTCAT (SEQ ID NO: 49601)	CGGCTCGAGGTTTCAC (SEQ ID NO: 49602)	ACTGGGCCTGGAGTGTAGT (SEQ ID NO: 49603)
hCV11407883	C/G	CTCCTGAAAGGGTTGAACTC (SEQ ID NO: 49604)	TCCTGAAAGGGTTGAACTG (SEQ ID NO: 49605)	CAACTCCTGGGCTGAATG (SEQ ID NO: 49606)
hCV11514490	A/C	ACACATTGGAGAAAGACCTATTT (SEQ ID NO: 49607)	CACATTGGAGAAAGACCTATTG (SEQ ID NO: 49608)	GCAAGCGAGAAAACTGTGT (SEQ ID NO: 49609)
hCV11559107	A/G	TGAGATTTTGAAGACATCTGGTA (SEQ ID NO: 49610)	GAGATTTTGAAGACATCTGGTG (SEQ ID NO: 49611)	CTGAATGCAAGCTGATGACT (SEQ ID NO: 49612)
hCV11597077	A/C	GAAGTTCTTACCACACTGACTACA (SEQ ID NO: 49613)	GAAGTTCTTACCACACTGACTACC (SEQ ID NO: 49614)	AATAACTGTGGGAAAATACTTAACAC (SEQ ID NO: 49615)
hCV11600233	G/T	GCAGAGCATTGTGTTCG (SEQ ID NO: 49616)	CGCAGAGCATTGTGTTCT (SEQ ID NO: 49617)	GGTATCTGCAAGGATGAGAAAC (SEQ ID NO: 49618)
hCV1166773	G/C	CCTTTTAGGGTTTTCTGATTATG (SEQ ID NO: 49619)	CCTTTTAGGGTTTTCTGATTATC (SEQ ID NO: 49620)	CAGACGAGAAACCAGAATGAT (SEQ ID NO: 49621)
hCV11681250	A/G	TTTGCAAAGAACTTGATTTCTT (SEQ ID NO: 49622)	TTTGCAAAGAACTTGATTTCTC (SEQ ID NO: 49623)	TCCAGTGCAGCATTTACCTA (SEQ ID NO: 49624)
hCV11688904	A/G	GGCTTCTACCCTCTGGAGA (SEQ ID NO: 49625)	GCTTCTACCCTCTGGAGG (SEQ ID NO: 49626)	CCACTTCTGGAAGGTTCTGTA (SEQ ID NO: 49627)
hCV11690571	A/G	CATCCAGAGGAAGCATGA (SEQ ID NO: 49628)	ATCCAGAGGAAGCATGG (SEQ ID NO: 49629)	TTGTGCTGGGAGATCTGAG (SEQ ID NO: 49630)
hCV11691179	A/G	GTGTGGCGGAGCAGT (SEQ ID NO: 49631)	TGTGGCGGAGCAGC (SEQ ID NO: 49632)	CCCCGGCGACCTATAG (SEQ ID NO: 49633)
hCV11691237	G/T	TCACGGTGCTGTCCG (SEQ ID NO: 49634)	CCTCACGGTGCTGTCCT (SEQ ID NO: 49635)	GCTTTGCCCTGCATTTCT (SEQ ID NO: 49636)
hCV11720402	C/T	TGGGAAATTCAAGGCG (SEQ ID NO: 49637)	CTGGGAAATTCAAGGCA (SEQ ID NO: 49638)	TTTAAGTCCTGGGTAAACTAAATAGA (SEQ ID NO: 49639)
hCV11735875	C/T	TGAGTTTGTATTTTCCAAGGAC (SEQ ID NO: 49640)	ATGAGTTTGTATTTTCCAAGGAT (SEQ ID NO: 49641)	GCTCCATAGAAAGACAATTTACTG (SEQ ID NO: 49642)
hCV11758437	C/G	TTGTGAAGCCCTAGATTTCC (SEQ ID NO: 49643)	TGTGAAGCCCTAGATTTCG (SEQ ID NO: 49644)	TTGGCAAAGGAGAACACAA (SEQ ID NO: 49645)
hCV11917903	C/G	AAACTGGTATGTGGGCG (SEQ ID NO: 49646)	AAAACTGGTATGTGGGCC (SEQ ID NO: 49647)	TCCCCCTGACTCCTTACTT (SEQ ID NO: 49648)
hCV11972291	A/G	TGTTGGCTGAGAGATAAGCTA (SEQ ID NO: 49649)	GTTGGCTGAGAGATAAGCTG (SEQ ID NO: 49650)	CGTTGACATGGACTTTGAAGT (SEQ ID NO: 49651)
hCV11972326	C/G	TTCTTTTAAAGGATTGGTAAACTC (SEQ ID NO: 49652)	TTCTTTTAAAGGATTGGTAAACTG (SEQ ID NO: 49653)	AGAGCAGAACGAGGTTTTATTT (SEQ ID NO: 49654)
hCV11976630	C/T	AACTGAACGCAGGCCTC (SEQ ID NO: 49655)	AACTGAACGCAGGCCTT (SEQ ID NO: 49656)	CATTCTGACCTCAACAACTTCA (SEQ ID NO: 49657)
hCV11976644	G/T	TGCAGTCATAAATCTCATCAG (SEQ ID NO: 49658)	TTGCAGTCATAAATCTCATCAT (SEQ ID NO: 49659)	AGCAATGGGCACTCAGTC (SEQ ID NO: 49660)
hCV11976652	A/G	TGGGTCAGCCCAACAT (SEQ ID NO: 49661)	TGGGTCAGCCCAACAC (SEQ ID NO: 49662)	TTGAAGAAGGAATGATCACTCTT (SEQ ID NO: 49663)
hCV12055895	C/T	CGCACTTCTCCAGC (SEQ ID NO: 49664)	CCGCACTTCTCCAGT (SEQ ID NO: 49665)	AGGCCATAAAGAGGCAGTAC (SEQ ID NO: 49666)
hCV12064788	A/G	TGGGTCAGCCCAACAT (SEQ ID NO: 49667)	TGGGTCAGCCCAACAC (SEQ ID NO: 49668)	TTGAAGAAGGAATGATCACTCTT (SEQ ID NO: 49669)
hCV12074174	C/G	AATTAGCAACATCATCCTTGG (SEQ ID NO: 49670)	AATTAGCAACATCATCCTTGC (SEQ ID NO: 49671)	GCCAGCTCCATATTGAAGTAAT (SEQ ID NO: 49672)
hCV12074801	C/T	CACAGTGAATGGTGGGG (SEQ ID NO: 49673)	TCACAGTGAATGGTGGGA (SEQ ID NO: 49674)	AGCTGGGCTGGGTCTAGT (SEQ ID NO: 49675)
hCV1231817	C/T	GCCAACTCCATCCG (SEQ ID NO: 49676)	GGCCAACTCCATCCA (SEQ ID NO: 49677)	CATCCGTCACCTCAGAGATG (SEQ ID NO: 49678)
hCV1248029	A/G	TACCTGAAACTCTGACGCAT (SEQ ID NO: 49679)	ACCTGAAACTCTGACGCAC (SEQ ID NO: 49680)	TGTTTCCAGGTTCAATTTCA (SEQ ID NO: 49681)
hCV1253735	C/T	ACAATGTGAGGATCTTCATG (SEQ ID NO: 49682)	CACAATGTGAGGATCTTCATA (SEQ ID NO: 49683)	CACCCACATTGTGTGCATATA (SEQ ID NO: 49684)
hCV1283127	C/G	CAGGCATGACATTGAAAC (SEQ ID NO: 49685)	CAGGCATGACATTGAAAG (SEQ ID NO: 49686)	CAGAATGTAGTCTCGATTCTTCTTC (SEQ ID NO: 49687)
hCV1283131	C/T	CCCAGGCTAAGAACCTGAC (SEQ ID NO: 49688)	CCCAGGCTAAGAACCTGAT (SEQ ID NO: 49689)	CAAAGTGCTGAGCGTACTTG (SEQ ID NO: 49690)
hCV1347729	C/T	TGGAGATGTTCACCTGGTC (SEQ ID NO: 49691)	TGGAGATGTTCACCTGGTT (SEQ ID NO: 49692)	GACAGGTTGTTGACATTTTACAA (SEQ ID NO: 49693)
hCV1347731	A/G	AGCTCTTCCTTCTTCATCA (SEQ ID NO: 49694)	GCTCTTCCTTCTTCATCG (SEQ ID NO: 49695)	TGAACTCTAGGAATCATTTGAAAAT (SEQ ID NO: 49696)
hCV1413258	A/G	TAGGAGGGTGAAAAGTGGA (SEQ ID NO: 49697)	GGAGGGTGAAAAGTGGG (SEQ ID NO: 49698)	GGCAGCGTGCTCAGAC (SEQ ID NO: 49699)
hCV1468814	C/T	ATCTTTGCCAATGATTTTATTAC (SEQ ID NO: 49700)	AATCTTTGCCAATGATTTTATTAT (SEQ ID NO: 49701)	GAATCCAAACGATCCAGATAC (SEQ ID NO: 49702)
hCV1545307	A/G	CCCCCTTACCTTGGAAGA (SEQ ID NO: 49703)	CCCCTTACCTTGGAAGG (SEQ ID NO: 49704)	GGCAGTCGCTGGAGATTAT (SEQ ID NO: 49705)
hCV15760047	T/G	AGAAACACCTTCTGTGACTGA (SEQ ID NO: 49706)	GAAACACCTTCTGTGACTGC (SEQ ID NO: 49707)	CCCAACATCCTCATCTGTCT (SEQ ID NO: 49708)
hCV15852026	A/G	CCTTTGCATTCCTTAGCA (SEQ ID NO: 49709)	CCTTTGCATTCCTTAGCG (SEQ ID NO: 49710)	GCCAGAGGCCAAGATGA (SEQ ID NO: 49711)
hCV15867521	C/T	CGTGTCCTTCCCAACG (SEQ ID NO: 49712)	TCGTGTCCTTCCCAACA (SEQ ID NO: 49713)	GGAGAAGACCCTGGAATTCT (SEQ ID NO: 49714)
hCV15874455	C/T	GGCTGCGATTCCG (SEQ ID NO: 49715)	GTGGCTGCGATTCCA (SEQ ID NO: 49716)	GCAATGGGCATGATTTCA (SEQ ID NO: 49717)
hCV15876778	C/T	GGCGATATTGGTGAGAAAC (SEQ ID NO: 49718)	GGCGATATTGGTGAGAAAT (SEQ ID NO: 49719)	CTCCTTCCTCCCACTGTG (SEQ ID NO: 49720)
hCV15879463	C/T	TTTTGTCCCAGTGCTGAG (SEQ ID NO: 49721)	TTTTGTCCCAGTGCTGAA (SEQ ID NO: 49722)	TCTCCGGCCGCATAC (SEQ ID NO: 49723)
hCV15881845	C/G	ACAAAAGAATGTCCTTTCAGAC (SEQ ID NO: 49724)	ACAAAAGAATGTCCTTTCAGAG (SEQ ID NO: 49725)	TCCTCATTGGAATGGATTTAT (SEQ ID NO: 49726)
hCV15888165	A/T	TGAGAGTTGGATCTGGCAA (SEQ ID NO: 49727)	TGAGAGTTGGATCTGGCAT (SEQ ID NO: 49728)	CCCAGGAACCCATATTTAGAA (SEQ ID NO: 49729)
hCV15941749	C/T	AGGCGGAGACAGC (SEQ ID NO: 49730)	CAAGGCGGAGACAGT (SEQ ID NO: 49731)	GGGCAGCAGGAAAGATCT (SEQ ID NO: 49732)
hCV15958164	C/G	ACTCCACTGGGAGAGGG (SEQ ID NO: 49733)	ACTCCACTGGGAGAGGC (SEQ ID NO: 49734)	CCACAGCCACATGGTATGT (SEQ ID NO: 49735)
hCV15976147	C/G	CTAGCATTGAACTGAATGAGC (SEQ ID NO: 49736)	CTAGCATTGAACTGAATGAGG (SEQ ID NO: 49737)	CAGCCTGCGATGATGAT (SEQ ID NO: 49738)
hCV16006934	G/A	GGACCTGCTTTGGCG (SEQ ID NO: 49739)	TGGACCTGCTTTGGCA (SEQ ID NO: 49740)	CCTCGGTGGGTTTTCAAG (SEQ ID NO: 49741)
hCV16006940	C/G	CGTCCACCTTCTCCAAG (SEQ ID NO: 49742)	CGTCCACCTTCTCCAAC (SEQ ID NO: 49743)	CCAGCGTTAGCATCTCATAC (SEQ ID NO: 49744)
hCV16021387	A/G	CCTCCACTTCCTGTAT (SEQ ID NO: 49745)	CCTCCACTTCCTGTAC (SEQ ID NO: 49746)	CCCATCCCACACTTTATTTTATAC (SEQ ID NO: 49747)
hCV16023642	C/T	TGCCTATGAATTGTCAACATC (SEQ ID NO: 49748)	TGCCTATGAATTGTCAACATT (SEQ ID NO: 49749)	ACTTCTGGCCAGCAATAAAT (SEQ ID NO: 49750)
hCV16046615	A/T	TTTAACAGATTCTGGAAGCATAGT (SEQ ID NO: 49751)	TTAACAGATTCTGGAAGCATAGA (SEQ ID NO: 49752)	AGAGGAATCCAAAGACAAAGTTAT (SEQ ID NO: 49753)

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hCV	Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV16062492	A/G	CCTGGGATTTGGGGATT (SEQ ID NO: 49754)	CCTGGGATTTGGGGATC (SEQ ID NO: 49755)	TGTGCCGAAGTGAAGAAGTC (SEQ ID NO: 49756)
hCV16094684	G/C	TGTGGCTTCTTTTCAGAGC (SEQ ID NO: 49757)	TGTGGCTTCTTTTCAGAGG (SEQ ID NO: 49758)	GGTAACAGGCACGGAAGTAT (SEQ ID NO: 49759)
hCV16135142	C/G	CTCCTCCTGCAGATCACTC (SEQ ID NO: 49760)	TCCTCCTGCAGATCACTG (SEQ ID NO: 49761)	CCAAGAAGCCAGCTCATTTA (SEQ ID NO: 49762)
hCV16135464	C/T	CGACTCCTCCTCAGCCC (SEQ ID NO: 49763)	CGACTCCTCCTCAGCCT (SEQ ID NO: 49764)	TGCAGCCACGCAGAAA (SEQ ID NO: 49765)
hCV16142950	A/G	CAAAGCACTTTCATGTACATTATT (SEQ ID NO: 49766)	CAAAGCACTTTCATGTACATTATC (SEQ ID NO: 49767)	CCTAAGCCCAGATTTCTACTCT (SEQ ID NO: 49768)
hCV16166772	A/C	CGAGACTTCCTGCTACGTTT (SEQ ID NO: 49769)	CGAGACTTCCTGCTACGTTG (SEQ ID NO: 49770)	CCCATTACCTGGCTTAGTATCTG (SEQ ID NO: 49771)
hCV16194374	T/C	GAGGATCCTGAACTCCAA (SEQ ID NO: 49772)	GAGGATCCTGAACTCCAG (SEQ ID NO: 49773)	CGAGGAAGAGGACTGAATGA (SEQ ID NO: 49774)
hCV16229390	G/T	CTGGGAAGCTTCTGGAC (SEQ ID NO: 49775)	CTGGGAAGCTTCTGGAA (SEQ ID NO: 49776)	CTTTAAAGCCTGATTCTTGACAT (SEQ ID NO: 49777)
hCV163035	C/T	GGAAGTGACAACACAAAACC (SEQ ID NO: 49778)	CGGAAGTGACAACACAAAACT (SEQ ID NO: 49779)	CCGCCCAGGATTCTCTA (SEQ ID NO: 49780)
hCV1653105	C/T	CCTGGAACTTTGATTGTGATAC (SEQ ID NO: 49781)	CCTGGAACTTTGATTGTGATAT (SEQ ID NO: 49782)	TCTCCCGCCTTACTCTGTTA (SEQ ID NO: 49783)
hCV1654841	A/C	AAACGCAGGGATTGGTTA (SEQ ID NO: 49784)	AACGCAGGGATTGGTTC (SEQ ID NO: 49785)	CATGTGCCTCTCTTGGTATCT (SEQ ID NO: 49786)
hCV1671515	C/T	GGTGAGATAGTCCAGAAAGC (SEQ ID NO: 49787)	GGGTGAGATAGTCCAGAAAGT (SEQ ID NO: 49788)	GGGCCGAGGTCATCTT (SEQ ID NO: 49789)
hCV1709713	A/G	GCCCCATCTTGCTGAT (SEQ ID NO: 49790)	GCCCCATCTTGCTGAC (SEQ ID NO: 49791)	CCGGGTTTTTGAGAAGTAGAT (SEQ ID NO: 49792)
hCV1724443	A/G	CCGCCTCGGTCGTT (SEQ ID NO: 49793)	CCGCCTCGGTCGTC (SEQ ID NO: 49794)	GCAATCGTGGAAGATCAGATA (SEQ ID NO: 49795)
hCV1773247	C/T	CCAGCATAGGTGCAAACC (SEQ ID NO: 49796)	ACCAGCATAGGTGCAAACT (SEQ ID NO: 49797)	GAGTACTGCCTGTTCCTGATAC (SEQ ID NO: 49798)
hCV1815793	G/T	CATTTTTCAACTACCTTTCTGTG (SEQ ID NO: 49799)	TCATTTTTCAACTACCTTTCTGTT (SEQ ID NO: 49800)	GGTGAGGTTGATGAAAAGAGA (SEQ ID NO: 49801)
hCV1839329	C/G	AGGGTTTCTCCTCTGTATGAC (SEQ ID NO: 49802)	AGGGTTTCTCCTCTGTATGAG (SEQ ID NO: 49803)	GAATGGCCAGTTAAAAGAATCT (SEQ ID NO: 49804)
hCV1844607	C/T	GCTCTCTAGCTGTGATGCC (SEQ ID NO: 49805)	AGCTCTCTAGCTGTGATGCT (SEQ ID NO: 49806)	TGAGGAATGGGTTGATGAC (SEQ ID NO: 49807)
hCV2004708	A/C	CATTGCTTTCCTAGGTGATAT (SEQ ID NO: 49808)	CATTGCTTTCCTAGGTGATAG (SEQ ID NO: 49809)	TTCTTCAGGGAACATTTGTATG (SEQ ID NO: 49810)
hCV204710	A/G	TTTGAGTGTTGCTGGAACA (SEQ ID NO: 49811)	TTGAGTGTTGCTGGAACG (SEQ ID NO: 49812)	TCGCCTCCCTCACTGAC (SEQ ID NO: 49813)
hCV2083657	G/T	CTCGGATGGTGTTGGTAC (SEQ ID NO: 49814)	CTCGGATGGTGTTGGTAA (SEQ ID NO: 49815)	TGTGGTACAGCAGTCACTAAGA (SEQ ID NO: 49816)
hCV2095401	C/G	CTGTACAGCCCCTGAAAG (SEQ ID NO: 49817)	CTGTACAGCCCCTGAAAC (SEQ ID NO: 49818)	AGCAGTCCTGAGTTCTTTAAGAG (SEQ ID NO: 49819)
hCV2104738	C/T	CAGGCGGAAAACTCTCTG (SEQ ID NO: 49820)	TCAGGCGGAAAACTCTCTA (SEQ ID NO: 49821)	TCAAACTCTCCTCAGATGTTACAG (SEQ ID NO: 49822)
hCV2153710	A/G	GGGTATCACCCTTGGATAAA (SEQ ID NO: 49823)	GGGTATCACCCTTGGATAAG (SEQ ID NO: 49824)	TCCCAGACTGCTTTGTAGATG (SEQ ID NO: 49825)
hCV216064	A/G	TTTATTTTTCAGCAACACTTGAT (SEQ ID NO: 49826)	TTTATTTTTCAGCAACACTTGAC (SEQ ID NO: 49827)	GGATGTCCTGACAGAAGAAAG (SEQ ID NO: 49828)
hCV2190540	A/G	AAAGTGCTGGGATTATAGTCATA (SEQ ID NO: 49829)	AAGTGCTGGGATTATAGTCATG (SEQ ID NO: 49830)	CAAATACTCAGCAACCAAAAGTC (SEQ ID NO: 49831)
hCV22273515	C/G	TGTGGCTTCTTTTCAGAGC (SEQ ID NO: 49832)	TGTGGCTTCTTTTCAGAGG (SEQ ID NO: 49833)	GGTAACAGGCACGGAAGTAT (SEQ ID NO: 49834)
hCV2250399	A/C	TGAAAACTCAGTCCAAGTCCTA (SEQ ID NO: 49835)	GAAAACTCAGTCCAAGTCCTC (SEQ ID NO: 49836)	CCTTATTGCCCGTTTAACAT (SEQ ID NO: 49837)
hCV2259574	A/T	AATGTGGACACTGAAGAGACA (SEQ ID NO: 49838)	CAATGTGGACACTGAAGAGACT (SEQ ID NO: 49839)	CATCACAGGGCAGAGTTTTAG (SEQ ID NO: 49840)
hCV2437234	G/A	ATGCTGCCTGAGTCACAC (SEQ ID NO: 49841)	ATGCTGCCTGAGTCACAT (SEQ ID NO: 49842)	TGTTCATTCAACAAGTCTTTATTG (SEQ ID NO: 49843)
hCV2438216	A/G	GCCCACTGTCCCCA (SEQ ID NO: 49844)	CCCACTGTCCCCG (SEQ ID NO: 49845)	CAGAGCCCCACAGTCTTT (SEQ ID NO: 49846)
hCV2438322	C/T	GGTCCTTGAGGGAAACG (SEQ ID NO: 49847)	AGGTCCTTGAGGGAAACA (SEQ ID NO: 49848)	TCCACCTATCCGCCTCTAG (SEQ ID NO: 49849)
hCV2455742	C/T	GCATCGCATCCAAGATG (SEQ ID NO: 49850)	GAGCATCGCATCCAAGATA (SEQ ID NO: 49851)	CCTGGGAGGCTGATGAC (SEQ ID NO: 49852)
hCV2479345	C/G	CTCCTGAAAGGGTTGAACTC (SEQ ID NO: 49853)	TCCTGAAAGGGTTGAACTG (SEQ ID NO: 49854)	CAACTCCTGGGCTGAATG (SEQ ID NO: 49855)
hCV2495658	C/T	AACTAAAAATCAGTGAGATGAGTG (SEQ ID NO: 49856)	CAACTAAAAATCAGTGAGATGAGTA (SEQ ID NO: 49857)	CACCTGACTCACTCTTCTTTACTT (SEQ ID NO: 49858)
hCV25472930	A/C	CACCTGTGACCAGCAGCT (SEQ ID NO: 49859)	CCTGTGACCAGCAGCG (SEQ ID NO: 49860)	CAATCTGGAAGGAACATCAAG (SEQ ID NO: 49861)
hCV25472931	A/C	GGGCAGTAGGCTGACTT (SEQ ID NO: 49862)	GGGCAGTAGGCTGACTG (SEQ ID NO: 49863)	GCCGGAGCTCCTGTTT (SEQ ID NO: 49864)
hCV25473136	C/T	ACTGAAAGCATTTTAATGGACTAC (SEQ ID NO: 49865)	ACTGAAAGCATTTTAATGGACTAT (SEQ ID NO: 49866)	TCGTTTCATTTTCATCATTGTATA (SEQ ID NO: 49867)
hCV25474376	C/G	CTCCTCCTGCAGATCACTC (SEQ ID NO: 49868)	TCCTCCTGCAGATCACTG (SEQ ID NO: 49869)	CCAAGAAGCCAGCTCATTTA (SEQ ID NO: 49870)
hCV25592530	C/T	CTGAGACAGCAGAGGC (SEQ ID NO: 49871)	TCTGAGACAGCAGAGGT (SEQ ID NO: 49872)	GCCCAGGCTCTAGACACTAA (SEQ ID NO: 49873)
hCV25603489	C/T	CCTGGACAAGCTCATTCG (SEQ ID NO: 49874)	TCCTGGACAAGCTCATTCA (SEQ ID NO: 49875)	CCTGGGTGGCCACTCTA (SEQ ID NO: 49876)
hCV25606044	C/T	GCTGGTTCCTGGGGG (SEQ ID NO: 49877)	GCTGGTTCCTGGGGA (SEQ ID NO: 49878)	CCCACCATCAACAGGTACTT (SEQ ID NO: 49879)
hCV25606714	A/G	AACTATAAATGATAGCTGCTGTTAGTT (SEQ ID NO: 49880)	AACTATAATGATAGCTGCTGTTAGTC (SEQ ID NO: 49881)	TTCACAACAAAGGCAGAGTAA (SEQ ID NO: 49882)
hCV25607005	A/G	AGGCCTGGAAGAACATCT (SEQ ID NO: 49883)	GCCTGGAAGAACATCC (SEQ ID NO: 49884)	GGGCCTCCTACCTGTCATA (SEQ ID NO: 49885)
hCV25608626	A/G	GCCTCCAGCCGCTA (SEQ ID NO: 49886)	CCTCCAGCCGCTG (SEQ ID NO: 49887)	CGGTCTTTGCTGGTACTGC (SEQ ID NO: 49888)
hCV25619242	A/C	TCCTTTTCAAAGCCAACAA (SEQ ID NO: 49889)	TCCTTTTCAAAGCCAACAC (SEQ ID NO: 49890)	TTTCTAACCATTTTAATACAGGTCATA (SEQ ID NO: 49891)
hCV25627747	A/T	GGATGCCCCAAGGGT (SEQ ID NO: 49892)	GGATGCCCCAAGGGA (SEQ ID NO: 49893)	CACTTCAGGTGTGTCAACAATG (SEQ ID NO: 49894)
hCV25627998	C/T	TCTTTCAAAAACCACTGCC (SEQ ID NO: 49895)	ACTCTTTCAAAAACCACTGCT (SEQ ID NO: 49896)	AGGGAAACTGCATTTCTTAATC (SEQ ID NO: 49897)
hCV25630843	G/T	CAGCCCCACGTGCC (SEQ ID NO: 49898)	CAGCCCCACGTGCA (SEQ ID NO: 49899)	GATGCTGATGGAACAAGTGA (SEQ ID NO: 49900)
hCV25630844	C/T	CACCCATCTGAAGAGCAC (SEQ ID NO: 49901)	CACCCATCTGAAGAGCAT (SEQ ID NO: 49902)	GGCTTTGGTTGCTTTCTCT (SEQ ID NO: 49903)
hCV25630845	A/G	GAAGATGGAGAAATGCAGCT (SEQ ID NO: 49904)	AGATGGAGAAATGCAGCC (SEQ ID NO: 49905)	TGGCTGCCTTGAGTCAG (SEQ ID NO: 49906)
hCV25636098	A/G	CCCTCCAGGTTGTTACCA (SEQ ID NO: 49907)	CCTCCAGGTTGTTACCG (SEQ ID NO: 49908)	AGACTGCAGCAAAACTCTGATA (SEQ ID NO: 49909)
hCV25638257	A/G	TGATCCTTTTTAATCCAGGTT (SEQ ID NO: 49910)	TGATCCTTTTTAATCCAGGTC (SEQ ID NO: 49911)	TGGGCTCAGCTGAACTCTA (SEQ ID NO: 49912)
hCV25640226	G/C	GCGGTCTCCATGCC (SEQ ID NO: 49913)	GCGGTCTCCATGCG (SEQ ID NO: 49914)	GCCAGGTCCCATTTGAG (SEQ ID NO: 49915)
hCV25641653	C/G	CTCCCGCTTCTGGAAC (SEQ ID NO: 49916)	CTCCCGCTTCTGGAAG (SEQ ID NO: 49917)	AATCACGGGATTTTCTTTAGAG (SEQ ID NO: 49918)
hCV25649928	G/A	AAGACTTTTTCCAGGAATGC (SEQ ID NO: 49919)	GAAGACTTTTTCCAGGAATGT (SEQ ID NO: 49920)	TTCTTAAAGGGTCATGAAACTTAC (SEQ ID NO: 49921)
hCV25650933	G/T	GCCGTGAACTCGCAG (SEQ ID NO: 49922)	GCCGTGAACTCGCAT (SEQ ID NO: 49923)	GGGTGTCACCAGGAAGAG (SEQ ID NO: 49924)

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hCV	Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV25653443	A/T	CTTCTGGGCTTTAAAAAGACTA (SEQ ID NO: 49925)	TTCTGGGCTTTAAAAAGACTT (SEQ ID NO: 49926)	AAATGGTCAGGTAATTATGTTATCA (SEQ ID NO: 49927)
hCV25654189	C/G	TGGTGAGACTCCAGGGTAG (SEQ ID NO: 49928)	TGGTGAGACTCCAGGGTAC (SEQ ID NO: 49929)	TCAAAGCCTTGTGACATTCTA (SEQ ID NO: 49930)
hCV25654485	C/T	CCATGACCTGCTCAACG (SEQ ID NO: 49931)	CCATGACCTGCTCAACA (SEQ ID NO: 49932)	TTGCTGAGCCTGAACTCTG (SEQ ID NO: 49933)
hCV25742456	C/G	GCGTCGCTGTCGAGG (SEQ ID NO: 49934)	GCGTCGCTGTCGAGC (SEQ ID NO: 49935)	GCTTCCACTCCTTGAGGTATT (SEQ ID NO: 49936)
hCV25744634	C/T	AGCCTCTCCTGGACCG (SEQ ID NO: 49937)	GAGCCTCTCCTGGACCA (SEQ ID NO: 49938)	AGATCCAAAGGAGAAACACAA (SEQ ID NO: 49939)
hCV25745882	C/A	TCGGGCTTGCACAAAG (SEQ ID NO: 49940)	TCGGGCTTGCACAAAT (SEQ ID NO: 49941)	GGCGGCCTTTCTGAGT (SEQ ID NO: 49942)
hCV25745992	G/T	GGGGTTGATGTGGGATC (SEQ ID NO: 49943)	TGGGGTTGATGTGGGATA (SEQ ID NO: 49944)	AACTCCCCAAAACAAAGATCT (SEQ ID NO: 49945)
hCV25747046	A/G	GCTGTGACGCTTGTCAA (SEQ ID NO: 49946)	GCTGTGACGCTTGTCAG (SEQ ID NO: 49947)	GATCTGCGCCCTGGAC (SEQ ID NO: 49948)
hCV25747791	C/G	CACTGCTGAGCCCTGAG (SEQ ID NO: 49949)	CACTGCTGAGCCCTGAC (SEQ ID NO: 49950)	CACGTTTCGTCTGCTTTTACT (SEQ ID NO: 49951)
hCV25751699	C/T	TGACTCAACTCCCAAGGG (SEQ ID NO: 49952)	CTGACTCAACTCCCAAGGA (SEQ ID NO: 49953)	CGGTTCTGCTGTGAGTGAT (SEQ ID NO: 49954)
hCV25755336	A/G	CAGTGAAGCCTTTATTGTAAGTACT (SEQ ID NO: 49955)	AGTGAAGCCTTTATTGTAAGTACC (SEQ ID NO: 49956)	CAGCGTTGAGTCTTTCTTTACTT (SEQ ID NO: 49957)
hCV25755889	G/A	AATATTCTCCCAGCATTGTTC (SEQ ID NO: 49958)	AATATTCTCCCAGCATTGTTT (SEQ ID NO: 49959)	GTTTTGGAGTCAGAAGATTGTATTA (SEQ ID NO: 49960)
hCV25756622	C/G	AGCAGCACTGTACCTGTCTG (SEQ ID NO: 49961)	GTAGCAGCACTGTACCTGTCTC (SEQ ID NO: 49962)	TGGCTTTGCACTTTCACAT (SEQ ID NO: 49963)
hCV25759203	C/T	AGATTCTGGTCCTCTTATTGATAC (SEQ ID NO: 49964)	AGATTCTGGTCCTCTTATTGATAT (SEQ ID NO: 49965)	AAAAAGTTCTTGACAAGTTATTATGAG (SEQ ID NO: 49966)
hCV25762283	G/T	CCCGTCCGCGCAG (SEQ ID NO: 49967)	CCCGTCCGCGCAT (SEQ ID NO: 49968)	TCCGGCATGTTCATCTCT (SEQ ID NO: 49969)
hCV25768636	A/G	AGAATTTGGCCACAAAGAGT (SEQ ID NO: 49970)	AATTTGGCCACAAAGAGC (SEQ ID NO: 49971)	CCCCGCCAGACATCTT (SEQ ID NO: 49972)
hCV25771405	A/T	CACAGAGCAGGAAGAGCA (SEQ ID NO: 49973)	TCACAGAGCAGGAAGAGCT (SEQ ID NO: 49974)	CAGGAAGAAGTTTCATCTGTGAT (SEQ ID NO: 49975)
hCV25922909	C/T	GACATCACAGGGATGAAGG (SEQ ID NO: 49976)	TGACATCACAGGGATGAAGA (SEQ ID NO: 49977)	AAGGATGTGTCTTGAATATGTATGT (SEQ ID NO: 49978)
hCV25924724	C/T	GCGGCACCACCTGAC (SEQ ID NO: 49979)	GCGGCACCACCTGAT (SEQ ID NO: 49980)	CGGATTTCCTAGCTTCTCAACTA (SEQ ID NO: 49981)
hCV25926376	A/G	GTGGTGGGGGAGCA (SEQ ID NO: 49982)	TGGTGGGGGAGCG (SEQ ID NO: 49983)	GCAGCCTAGGGTGAACAT (SEQ ID NO: 49984)
hCV25930645	G/A	AGTTTTCCCCTTGATCATAC (SEQ ID NO: 49985)	AGTTTTCCCCTTGATCATAT (SEQ ID NO: 49986)	CTGTTTGGGACCAAGAATTC (SEQ ID NO: 49987)
hCV25932834	A/G	GTGCTTCCACTTTAAATTTCTTAT (SEQ ID NO: 49988)	GTGCTTCCACTTTAAATTTCTTAC (SEQ ID NO: 49989)	GCCAATGTCACATTCACTGTA (SEQ ID NO: 49990)
hCV25933676	G/T	AGCTCATTCGCCACATAC (SEQ ID NO: 49991)	AGCTCATTCGCCACATAA (SEQ ID NO: 49992)	GTTTTCCTTGTTTCAGATTTAGTG (SEQ ID NO: 49993)
hCV25934391	A/G	GATGCAGGAAATAAGACAATAATA (SEQ ID NO: 49994)	TGCAGGAAATAAGACAATAATG (SEQ ID NO: 49995)	AGAAAGTCCAATAAAAATCTGAACT (SEQ ID NO: 49996)
hCV25940434	A/G	GCTTTGGTCGCACAGTGT (SEQ ID NO: 49997)	CTTTGGTCGCACAGTGC (SEQ ID NO: 49998)	CACAAATGGAAAGGTAAATGAC (SEQ ID NO: 49999)
hCV25942539	G/A	GGATCCGACCGTTGAG (SEQ ID NO: 50000)	GGATCCGACCGTTGAA (SEQ ID NO: 50001)	TCATTTTGAACTCATTTTTTCTAGA (SEQ ID NO: 50002)
hCV25953007	C/T	CCAGGTCCGAGGATCAAC (SEQ ID NO: 50003)	CCAGGTCCGAGGATCAAT (SEQ ID NO: 50004)	CAAGCCCTCATTTCACCA (SEQ ID NO: 50005)
hCV25953077	A/C	TGACCGGCTTGTAGGACT (SEQ ID NO: 50006)	GACCGGCTTGTAGGACG (SEQ ID NO: 50007)	CCTTATCACCCCTTTCTCAG (SEQ ID NO: 50008)
hCV25958453	A/G	AAGTTCCTCTGTTTTGTGTGTT (SEQ ID NO: 50009)	AAGTTCCTCTGTTTTGTGTGTC (SEQ ID NO: 50010)	CCTCAAATGCCTACCTGATAAT (SEQ ID NO: 50011)
hCV25960573	A/G	TGCTGGAGGAGTCACTTGT (SEQ ID NO: 50012)	GCTGGAGGAGTCACTTGC (SEQ ID NO: 50013)	GCAAAATGCCCTTCAATG (SEQ ID NO: 50014)
hCV25967527	T/C	CAGCCAGATGGAAGCATT (SEQ ID NO: 50015)	CAGCCAGATGGAAGCATC (SEQ ID NO: 50016)	ACCAAGTCAGAGAATGACATAGAT (SEQ ID NO: 50017)
hCV25972265	C/A	GAGCCAGTGTAACACACATG (SEQ ID NO: 50018)	GAGCCAGTGTAACACACATT (SEQ ID NO: 50019)	GAGACTCTGGCATGCTAACTC (SEQ ID NO: 50020)
hCV25972553	C/T	GTAGAATAAGATGACCACAATCG (SEQ ID NO: 50021)	CGTAGAATAAGATGACCACAATCA (SEQ ID NO: 50022)	TGTTTCACTGGTGATTCTTCTACT (SEQ ID NO: 50023)
hCV25983354	T/G	CCAGCTTCTAATCCAAAATT (SEQ ID NO: 50024)	CCAGCTTCTAATCCAAAATG (SEQ ID NO: 50025)	TTCAATGGCTTCAGCAACTAT (SEQ ID NO: 50026)
hCV25984541	G/A	GGAGGCTGGAACTTCG (SEQ ID NO: 50027)	TGGAGGCTGGAACTTCA (SEQ ID NO: 50028)	CCTCAATACCCTGTCTTAGATTGT (SEQ ID NO: 50029)
hCV25992555	A/G	AACCATCCTGTCCTTCCA (SEQ ID NO: 50030)	ACCATCCTGTCCTTCCG (SEQ ID NO: 50031)	CCCCCCATTCCTCAAG (SEQ ID NO: 50032)
hCV25993353	A/G	TACCAGAGATGATGCCGA (SEQ ID NO: 50033)	CCAGAGATGATGCCGG (SEQ ID NO: 50034)	CCCCTCGCCACAGTC (SEQ ID NO: 50035)
hCV25996731	C/T	CAACCCCTGTTCCTCTG (SEQ ID NO: 50036)	CCAACCCCTGTTCCTCTA (SEQ ID NO: 50037)	GTGAGCAGGGAGAGAATCTC (SEQ ID NO: 50038)
hCV2619261	G/T	CTGAGTTCTGATTTCACACG (SEQ ID NO: 50039)	CCTGAGTTCTGATTTCACACT (SEQ ID NO: 50040)	AAGCTGGGTGGACTTTAGATAC (SEQ ID NO: 50041)
hCV2628820	A/C	CATCCTCCCAGCTACATGA (SEQ ID NO: 50042)	ATCCTCCCAGCTACATGC (SEQ ID NO: 50043)	GGACCTCCTGCCACTTG (SEQ ID NO: 50044)
hCV2744375	G/T	AAGCTATTTGTGGGTTGTATTTC (SEQ ID NO: 50045)	TTAAGCTATTTGTGGGTTGTATTTA (SEQ ID NO: 50046)	CTGAGATGGAAATCAACAGAATATA (SEQ ID NO: 50047)
hCV2926821	C/T	CGTCCATCCATTCATCTCAC (SEQ ID NO: 50048)	CGTCCATCCATTCATCTCAT (SEQ ID NO: 50049)	CACCATCCCCACACAACT (SEQ ID NO: 50050)
hCV2936823	C/T	GGCGCACTCGTCATTG (SEQ ID NO: 50051)	GGCGCACTCGTCATTA (SEQ ID NO: 50052)	CACCAGCGGGAAGTCTT (SEQ ID NO: 50053)
hCV2950320	C/T	TCCTTACCGGCATCG (SEQ ID NO: 50054)	CTCCTTACCGGCATCA (SEQ ID NO: 50055)	CACAGAGGCTGAACTTTGTAAAC (SEQ ID NO: 50056)
hCV2978734	C/G	GGTCACCCTCCAATACAATAAC (SEQ ID NO: 50057)	GGTCACCCTCCAATACAATAAG (SEQ ID NO: 50058)	TGACTTGCAATGGAAAGAGAC (SEQ ID NO: 50059)
hCV2986466	A/G	TGCAGGCAGAGGAAGAT (SEQ ID NO: 50060)	TGCAGGCAGAGGAAGAC (SEQ ID NO: 50061)	TGCCTTTCAGATCCTTTCTACT (SEQ ID NO: 50062)
hCV2995653	A/G	GGGAATTGGACAGTATGTGT (SEQ ID NO: 50063)	GGAATTGGACAGTATGTGC (SEQ ID NO: 50064)	CCTACCCTCATTGTGTGACA (SEQ ID NO: 50065)
hCV3015606	C/T	GGAGAAAAGAAGTGTGGGAC (SEQ ID NO: 50066)	GGAGAAAAGAAGTGTGGGAT (SEQ ID NO: 50067)	TCTTTGGGCAGAGATTCTGT (SEQ ID NO: 50068)
hCV3026486	C/T	GGCTGATGGTCCTGGTG (SEQ ID NO: 50069)	AGGCTGATGGTCCTGGTA (SEQ ID NO: 50070)	GCTAAAACAGCAAAATGTGTCTT (SEQ ID NO: 50071)
hCV3052660	A/G	CACCCTGTGATGGAAAGTAGTA (SEQ ID NO: 50072)	CCCTGTGATGGAAAGTAGTG (SEQ ID NO: 50073)	TGGTGATGGTGACTGTGACT (SEQ ID NO: 50074)
hCV3076433	C/T	ACTGGAGGGCCACC (SEQ ID NO: 50075)	CACTGGAGGGCCACT (SEQ ID NO: 50076)	TGGGTAACTGCATTGACAAA (SEQ ID NO: 50077)
hCV3151199	A/G	CGTACGTACCATTTCCCT (SEQ ID NO: 50078)	CGTACGTACCATTTCCCC (SEQ ID NO: 50079)	CAGGCATCCCTGAAGAACTA (SEQ ID NO: 50080)
hCV3191771	A/G	GTTGTCATTGATGTCCAAAAT (SEQ ID NO: 50081)	GTTGTCATTGATGTCCAAAAC (SEQ ID NO: 50082)	GGAGCTGGTGCTAGACAAAC (SEQ ID NO: 50083)
hCV3226838	A/G	TGTCCCTTAACTGCTCTCA (SEQ ID NO: 50084)	GTCCCTTAACTGCTCTCG (SEQ ID NO: 50085)	GGGAGCAGTTTGAACTTCTG (SEQ ID NO: 50086)
hCV3233692	A/G	GGAAGGGTCCCGTGAA (SEQ ID NO: 50087)	GGAAGGGTCCCGTGAG (SEQ ID NO: 50088)	TGACCCCTTTGTTGTGAGTC (SEQ ID NO: 50089)
hCV3246662	C/T	GCCGGCTTCTTCCG (SEQ ID NO: 50090)	CAGCCGGCTTCTTCCA (SEQ ID NO: 50091)	GCACGGCCTTTGAGTATCTT (SEQ ID NO: 50092)
hCV3248144	C/T	ACCATGTAGTGGAGTGG (SEQ ID NO: 50093)	TCACCATGTAGTGGAGTGA (SEQ ID NO: 50094)	CGTGACCCAGCTATTCATT (SEQ ID NO: 50095)

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hCV	Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV3266627	C/G	TCTGCCAGTGCTGGTG (SEQ ID NO: 50096)	TTCTGCCAGTGCTGGTC (SEQ ID NO: 50097)	GGCCTCGGTGATCAACTT (SEQ ID NO: 50098)
hCV3274630	A/G	TCCTTCACGCAGAGCA (SEQ ID NO: 50099)	CCTTCACGCAGAGCG (SEQ ID NO: 50100)	AGGCAGAAAGCTTTCTTGAG (SEQ ID NO: 50101)
hCV3277068	C/T	AGATGTTACAACTTGATCAGTCG (SEQ ID NO: 50102)	CAGATGTTACAACTTGATCAGTCA (SEQ ID NO: 50103)	CGGCAGGATGGTTCTGTA (SEQ ID NO: 50104)
hCV3293859	A/G	GTGGCGGGAGGTGAA (SEQ ID NO: 50105)	GTGGCGGGAGGTGAG (SEQ ID NO: 50106)	TGACTCACCCACATGACAGT (SEQ ID NO: 50107)
hCV3293876	C/T	CAGTCAGATGCCAGAGG (SEQ ID NO: 50108)	CCAGTCAGATGCCAGAGA (SEQ ID NO: 50109)	CCATGGCCACGGATTAC (SEQ ID NO: 50110)
hCV443471	C/T	TGTGAGTACGGAACTGCTTAC (SEQ ID NO: 50111)	TGTGAGTACGGAACTGCTTAT (SEQ ID NO: 50112)	TGTGTGCCCTTCTTAAGTGTA (SEQ ID NO: 50113)
hCV478645	A/C	GCACCACTTCATCAATTAGGTA (SEQ ID NO: 50114)	GCACCACTTCATCAATTAGGTC (SEQ ID NO: 50115)	GGGATGCCTAATCACTCTATCT (SEQ ID NO: 50116)
hCV549404	A/G	ACCTTGGCTCAGTATACCTACA (SEQ ID NO: 50117)	CCTTGGCTCAGTATACCTACG (SEQ ID NO: 50118)	CCAGCACATTAAAATTGATGAT (SEQ ID NO: 50119)
hCV549896	A/G	AATCAGAACCCATCACAAT (SEQ ID NO: 50120)	AATCAGAACCCATCACAAC (SEQ ID NO: 50121)	GCCGGATGAAGCAATAGA (SEQ ID NO: 50122)
hCV589914	C/G	GCGTACAGGAGAAGAAACAC (SEQ ID NO: 50123)	GCGTACAGGAGAAGAAACAG (SEQ ID NO: 50124)	GTTCTTCCCAGCCTGAGATA (SEQ ID NO: 50125)
hCV652816	C/T	TGGACGGTGCTCCC (SEQ ID NO: 50126)	CTGGACGGTGCTCCT (SEQ ID NO: 50127)	GGGAAGCCGTAGGAACAA (SEQ ID NO: 50128)
hCV730311	C/T	CTGCTGCTCCAGGAATC (SEQ ID NO: 50129)	CTGCTGCTCCAGGAATT (SEQ ID NO: 50130)	AGCCATCCTGATTCTCTGAG (SEQ ID NO: 50131)
hCV7454533	C/T	CCTTTACATCAGGGACACG (SEQ ID NO: 50132)	GCCTTTACATCAGGGACACA (SEQ ID NO: 50133)	CGACTTACCAGTTTCATTCTGTATC (SEQ ID NO: 50134)
hCV7461647	A/G	TGGGTCTGGTGCAGTCTACTA (SEQ ID NO: 50135)	GGGTCTGGTGCAGTCTACTG (SEQ ID NO: 50136)	CCTTGTCTTGGAATTCAAACTATG (SEQ ID NO: 50137)
hCV7469249	C/T	GCCCTTCCTTCCTCATC (SEQ ID NO: 50138)	GCCCTTCCTTCCTCATT (SEQ ID NO: 50139)	AGGCTCTCCATTTTCTTTGTAG (SEQ ID NO: 50140)
hCV7499127	A/G	CTCCAGCCTGTTGGTGA (SEQ ID NO: 50141)	TCCAGCCTGTTGGTGG (SEQ ID NO: 50142)	GAACAGCACTGAAATCCTTTCT (SEQ ID NO: 50143)
hCV7513726	C/T	TGGCACAGTTCCTGTGG (SEQ ID NO: 50144)	CTGGCACAGTTCCTGTGA (SEQ ID NO: 50145)	TTAAAGGCAGTCTCTCTGTCTACT (SEQ ID NO: 50146)
hCV7514692	A/C	GCCCCAACACCAGAGAA (SEQ ID NO: 50147)	GCCCCAACACCAGAGAC (SEQ ID NO: 50148)	CCACCACCACTCACCAGA (SEQ ID NO: 50149)
hCV7586912	C/T	TCCTACCCAGCTCTGCTC (SEQ ID NO: 50150)	TCCTACCCAGCTCTGCTT (SEQ ID NO: 50151)	GGATGACGCCTCGTAGTCT (SEQ ID NO: 50152)
hCV773663	A/G	GCCCTCTGCAGATCAT (SEQ ID NO: 50153)	GCCCTCTGCAGATCAC (SEQ ID NO: 50154)	TTCCACCTCGTAGGTTGTCT (SEQ ID NO: 50155)
hCV7912052	A/G	GCTGGCCTCCCCTTAT (SEQ ID NO: 50156)	GCTGGCCTCCCCTTAC (SEQ ID NO: 50157)	CGCCGAGAAGGCATACA (SEQ ID NO: 50158)
hCV7912061	G/A	CCCTAGGCACAGCTGG (SEQ ID NO: 50159)	GCCCTAGGCACAGCTGA (SEQ ID NO: 50160)	GCCTGGAACTTTGAGAAGTT (SEQ ID NO: 50161)
hCV795929	A/G	CAAATAACTCACATCACACAA (SEQ ID NO: 50162)	CAAATAACTCACATCACACAG (SEQ ID NO: 50163)	CCAGACACAGGTAGGTAAGA (SEQ ID NO: 50164)
hCV8301529	T/C	CACTCCGGTCAGAATTCAA (SEQ ID NO: 50165)	CACTCCGGTCAGAATTCAG (SEQ ID NO: 50166)	CAGCTGCTAAAAGGATTTCTGT (SEQ ID NO: 50167)
hCV8303385	C/T	CCTAAACTGGAAAGTTCTTCG (SEQ ID NO: 50168)	ACCTAAACTGGAAAGTTCTTCA (SEQ ID NO: 50169)	CTCTCCCTGTGGTTCATTTC (SEQ ID NO: 50170)
hCV8367900	C/T	GGCAGTTCCTCCCCG (SEQ ID NO: 50171)	GGCAGTTCCTCCCCA (SEQ ID NO: 50172)	CAGCTCCTGGCTCAGCTAG (SEQ ID NO: 50173)
hCV8714838	A/G	GGCCAGAAGGACAGGT (SEQ ID NO: 50174)	GCCAGAAGGACAGGC (SEQ ID NO: 50175)	GGAGTTGGACCACTTCTTCA (SEQ ID NO: 50176)
hCV8719596	C/T	CTTTGTCCATTTTCATCTTCAG (SEQ ID NO: 50177)	CTTTGTCCATTTTCATCTTCAA (SEQ ID NO: 50178)	TTTTATTAGGTGGATACTTTAATACTGAT (SEQ ID NO: 50179)
hCV874079	A/G	TCTGCTCTGGGAACAAAA (SEQ ID NO: 50180)	TCTGCTCTGGGAACAAAG (SEQ ID NO: 50181)	GCCTCCCGCATCATC (SEQ ID NO: 50182)
hCV8766013	G/T	GATCCTAGCAGTCACAGTTTG (SEQ ID NO: 50183)	GATCCTAGCAGTCACAGTTTT (SEQ ID NO: 50184)	TCTCCAATGGCCAAAAATAC (SEQ ID NO: 50185)
hCV8827110	A/T	ATAGATTTCATATCCATTGTCGTAT (SEQ ID NO: 50186)	TAGATTTCATATCCATTGTCGTAA (SEQ ID NO: 50187)	AAATGGTGGGTTTGAACCTA (SEQ ID NO: 50188)
hCV8844728	C/G	GGCTGGTTCTTTTTCCTTG (SEQ ID NO: 50189)	GGCTGGTTCTTTTTCCTTC (SEQ ID NO: 50190)	GCAGGTCTCTGAACAGCTCTATA (SEQ ID NO: 50191)
hCV8848880	C/A	CTCCACCTTGCAGTCATAAC (SEQ ID NO: 50192)	TCCACCTTGCAGTCATAAA (SEQ ID NO: 50193)	TGGGCACTCAGTCACAGA (SEQ ID NO: 50194)
hCV8848884	A/C	TATGTCAGAGCTCACAGAGACTT (SEQ ID NO: 50195)	TGTCAGAGCTCACAGAGACTG (SEQ ID NO: 50196)	TTTCAGGATGGGATTCACA (SEQ ID NO: 50197)
hCV8870139	G/T	CCCCAGGGGGAACAC (SEQ ID NO: 50198)	CCCCAGGGGGAACAA (SEQ ID NO: 50199)	CCCAGTGGCTCAACAACTT (SEQ ID NO: 50200)
hCV8915168	A/G	TGCAGCGTTCAGCAAA (SEQ ID NO: 50201)	TGCAGCGTTCAGCAAG (SEQ ID NO: 50202)	GCCGGCTGTTTCTCTAGG (SEQ ID NO: 50203)
hCV8942480	A/G	GGCATACCACACCAGACAA (SEQ ID NO: 50204)	GGCATACCACACCAGACAG (SEQ ID NO: 50205)	AATAAATCACTGGATTTGTTTAGTTAG (SEQ ID NO: 50206)
hCV8954669	A/G	GTGGAAAAATGGCTGAAGA (SEQ ID NO: 50207)	TGGAAAAATGGCTGAAGG (SEQ ID NO: 50208)	TCAGGGCTCCTACACTTTAGAT (SEQ ID NO: 50209)
hCV9142770	A/C	AGTAGGTGTTCAACAACCTGTT (SEQ ID NO: 50210)	GTAGGTGTTCAACAACCTGTG (SEQ ID NO: 50211)	AAAGAGCATCAATTGGAAAAC (SEQ ID NO: 50212)
hCV9272397	A/G	CTTAGGAGAGGCTTGTCTGA (SEQ ID NO: 50213)	TTAGGAGAGGCTTGTCTGG (SEQ ID NO: 50214)	TTGGCACAGTGAGGATAATC (SEQ ID NO: 50215)
hCV9283503	C/G	AATGACATAAATACATACAAGACACAC (SEQ ID NO: 50216)	AATGACATAAATACATACAAGACACAG (SEQ ID NO: 50217)	TTCCTGATGGGACAGAAATATA (SEQ ID NO: 50218)
hCV9484175	C/T	GAAGAGCCACAAGCCTG (SEQ ID NO: 50219)	GGAAGAGCCACAAGCCTA (SEQ ID NO: 50220)	GAGAGGCACTTTTGGTATTCA (SEQ ID NO: 50221)
hCV9487784	A/G	AGGAGCCTCCAGGGAA (SEQ ID NO: 50222)	AGGAGCCTCCAGGGAG (SEQ ID NO: 50223)	CAAGCAAGGAAATCAGTAACTTC (SEQ ID NO: 50224)
hCV9505893	A/G	GCTCTGCAGCTCTTCAGACT (SEQ ID NO: 50225)	CTCTGCAGCTCTTCAGACC (SEQ ID NO: 50226)	CCTGTTGCCACAGTGAGAA (SEQ ID NO: 50227)
hCV9692842	C/T	TGTAATTGCCTGGAGCAC (SEQ ID NO: 50228)	TGTAATTGCCTGGAGCAT (SEQ ID NO: 50229)	GGAAATAAGCATCAGGAACTAACTA (SEQ ID NO: 50230)

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV25603489	yes	Discovery	Pool	All	T	3.50%	1.90%	0.045879259	1.88
hCV25603489	yes	Replication, Probands	Pool	All	T	4.08%	2.38%	0.015767416	1.74
hCV25603489	yes	Replication, Probands	Pool	RF+	T	4.44%	2.45%	0.015226013	1.85
hCV2190540	yes	Discovery	Pool	Male	G	39.81%	48.31%	0.032038947	0.71
hCV2190540	yes	Replication, All Cases	Pool	Male	G	38.84%	51.43%	0.001493275	0.60
hCV2190540	yes	Replication, Probands	Pool	Male	G	40.00%	51.43%	0.019922507	0.63
hCV25472931	yes	Discovery	Pool	LR-1SE	C	16.93%	37.90%	0.023279092	0.33
hCV25472931	yes	Replication, Probands	Pool	LR-1SE	C	20.62%	37.94%	0.037346491	0.42
hCV25940434	yes	Discovery	Pool	All	G	0.81%	2.16%	0.023139332	0.37
hCV25940434	yes	Replication, All Cases	Pool	All	G	0.40%	1.12%	0.021181706	0.36
hCV25940434	yes	Replication, Probands	Pool	All	G	0.33%	1.13%	0.029546939	0.29
hCV25940434	yes	Replication, Probands	Pool	RF+	G	0.29%	1.08%	0.0471926	0.27
hCV8367900	yes	Discovery	Pool	All	T	66.19%	70.95%	0.029619811	0.80
hCV8367900	yes	Replication, All Cases	Pool	All	T	64.26%	68.12%	0.016922593	0.84
hCV8367900	yes	Replication, Probands	Pool	All	T	63.69%	68.05%	0.025163725	0.82
hCV8367900	yes	Replication, All Cases	Pool	RF+	T	63.25%	68.00%	0.009428834	0.81
hCV8367900	yes	Replication, Probands	Pool	RF+	T	63.27%	68.00%	0.024895419	0.81
hCV874079	yes	Discovery	Pool	All	A	15.98%	11.30%	0.002630751	1.49
hCV874079	yes	Replication, All Cases	Individual	All	A	16.63%	14.15%	0.044029734	1.21
hCV25762283	yes	Discovery	Pool	All	G	17.64%	86.27%	0.019475979	1.35
hCV25762283	yes	Replication, Probands	Individual	All	G	20.82%	17.67%	0.049108027	1.23
hCV16021387	yes	Discovery	Individual	All	A	13.79%	8.84%	0.000659444	1.65
hCV16021387	yes	Replication, All Cases	Individual	All	A	16.85%	8.32%	1.48936E-14	2.23
hCV16021387	yes	Replication, Probands	Individual	All	A	15.77%	8.32%	6.11208E-09	2.06
hCV16021387	yes	Replication, All Cases	Individual	RF+	A	17.60%	7.92%	3.45944E-15	2.48
hCV16021387	yes	Replication, Probands	Individual	RF+	A	16.49%	7.92%	1.48939E-09	2.30
hCV108175	yes	Discovery	Pool	All	T	15.85%	19.78%	0.026791875	0.76
hCV108175	yes	Replication, All Cases	Pool	All	T	17.58%	20.48%	0.028829558	0.83
hCV108175	yes	Replication, Probands	Pool	All	T	16.31%	20.55%	0.007259321	0.75
hCV108175	yes	Replication, All Cases	Pool	RF+	T	16.60%	20.61%	0.007705207	0.77
hCV108175	yes	Replication, Probands	Pool	RF+	T	16.00%	20.61%	0.008210488	0.73
hCV1844607	yes	Discovery	Pool	All	T	12.19%	15.57%	0.039622016	0.75
hCV1844607	yes	Replication, All Cases	Pool	All	T	12.80%	15.87%	0.009586655	0.78
hCV1844607	yes	Replication, Probands	Pool	All	T	12.65%	16.02%	0.022379837	0.76
hCV1844607	yes	Replication, All Cases	Pool	RF+	T	13.12%	16.23%	0.021858619	0.78
hCV1844607	yes	Replication, Probands	Pool	RF+	T	12.20%	16.23%	0.010963771	0.72
hCV25638257	yes	Discovery	Pool	Female	G	16.64%	23.28%	0.003019705	0.66
hCV25638257	yes	Replication, Probands	Pool	Female	G	20.99%	25.12%	0.027378014	0.79
hCV3151199	yes	Discovery	Pool	HR-1SE	G	69.05%	43.12%	1.94576E-05	2.94

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV3151199	yes	Replication, Probands	Pool	HR-1SE	G	72.71%	56.60%	1.30068E-05	2.04
hCV25649928	yes	Discovery	Pool	All	A	98.45%	99.45%	0.040341979	0.35
hCV25649928	yes	Replication, All Cases	Pool	All	A	99.08%	99.65%	0.045951802	0.38
hCV25649928	yes	Replication, Probands	Pool	All	A	98.88%	99.65%	0.017173535	0.31
hCV3026486	yes	Discovery	Pool	LR-1SE	T	37.64%	59.54%	0.030436382	0.41
hCV3026486	yes	Replication, Probands	Pool	LR-1SE	T	26.60%	42.42%	0.044741533	0.49
hCV1653105	yes	Discovery	Individual	All	C	29.01%	34.85%	0.007506913	0.76
hCV1653105	yes	Replication, All Cases	Individual	All	C	30.24%	35.34%	0.001405826	0.79
hCV1653105	yes	Replication, Probands	Individual	All	C	30.78%	35.34%	0.017185142	0.81
hCV1653105	yes	Replication, All Cases	Individual	RF+	C	30.62%	34.40%	0.031838297	0.84
hCV11405566	yes	Discovery	Individual	All	A	26.60%	30.93%	0.041544028	0.81
hCV11405566	yes	Replication, All Cases	Individual	All	A	27.12%	30.67%	0.021269677	0.84
hCV11405566	yes	Replication, Probands	Individual	All	A	26.95%	30.67%	0.046707226	0.83
hCV22273515	yes	Discovery	Individual	All	G	23.23%	28.18%	0.015154923	0.77
hCV22273515	yes	Replication, All Cases	Individual	All	G	23.51%	28.40%	0.000960474	0.77
hCV22273515	yes	Replication, Probands	Individual	All	G	23.22%	28.40%	0.003585905	0.76
hCV16094684	yes	Discovery	Pool	All	C	22.75%	28.31%	0.006184042	0.75
hCV16094684	yes	Replication, All Cases	Pool	All	C	24.19%	29.53%	0.000357769	0.76
hCV16094684	yes	Replication, Probands	Pool	All	C	23.45%	29.39%	0.000892585	0.74
hCV16094684	yes	Replication, Probands	Pool	RF+	C	24.00%	28.59%	0.022259259	0.79
hCV1347729	yes	Discovery	Individual	All	T	28.95%	34.43%	0.011474103	0.78
hCV1347729	yes	Replication, All Cases	Individual	All	T	30.30%	35.15%	0.002292028	0.80
hCV1347729	yes	Replication, Probands	Individual	All	T	30.89%	35.15%	0.026846383	0.82
hCV1347729	yes	Replication, All Cases	Individual	RF+	T	30.70%	34.22%	0.046776388	0.85
hCV1347731	yes	Discovery	Individual	All	A	29.01%	34.26%	0.01486531	0.78
hCV1347731	yes	Replication, All Cases	Individual	All	A	30.15%	35.19%	0.001575757	0.80
hCV1347731	yes	Replication, Probands	Individual	All	A	30.63%	35.19%	0.017010922	0.81
hCV1347731	yes	Replication, All Cases	Individual	RF+	A	30.52%	34.27%	0.034841951	0.84
hCV15879463	yes	Discovery	Individual	All	T	23.18%	28.19%	0.014916897	0.77
hCV15879463	yes	Replication, All Cases	Individual	All	T	23.36%	28.36%	0.000812578	0.77
hCV15879463	yes	Replication, Probands	Individual	All	T	23.22%	28.36%	0.004088083	0.76
hCV12074174	yes	Discovery	Pool	Female	G	68.38%	60.83%	0.006622018	1.39
hCV12074174	yes	Replication, All Cases	Pool	Female	G	68.73%	64.79%	0.032425238	1.19
hCV1166773	yes	Discovery	Pool	All	C	88.02%	82.68%	0.001163769	1.54
hCV1166773	yes	Replication, Probands	Individual	RF+	C	87.01%	83.88%	0.0484668	1.29
hCV9505893	yes	Discovery	Pool	All	G	18.55%	14.10%	0.010827786	1.39
hCV9505893	yes	Replication, All Cases	Individual	RF+	G	17.09%	14.34%	0.04491127	1.23
hCV2104738	yes	Discovery	Pool	All	T	14.97%	18.48%	0.036903661	0.78
hCV2104738	yes	Replication, All Cases	Pool	All	T	15.17%	23.27%	1.32407E-09	0.59

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV2104738	yes	Replication, Probands	Pool	All	T	15.00%	23.29%	2.69952E-07	0.58
hCV2104738	yes	Replication, All Cases	Pool	RF+	T	14.41%	23.02%	6.89913E-09	0.56
hCV2104738	yes	Replication, Probands	Pool	RF+	T	14.76%	23.02%	2.90912E-06	0.58
hCV25627747	yes	Discovery	Pool	All	T	0.02%	0.65%	0.03100355	0.03
hCV25627747	yes	Replication, All Cases	Pool	All	T	0.11%	0.94%	0.000892469	0.11
hCV25627747	yes	Replication, Probands	Pool	All	T	0.06%	0.95%	0.010446397	0.06
hCV25627747	yes	Replication, All Cases	Pool	RF+	T	0.00%	0.95%	0.000121254	0.00
hCV25627747	yes	Replication, Probands	Pool	RF+	T	0.00%	0.95%	0.003981773	0.00
hCV8719596	yes	Discovery	Pool	All	T	99.45%	99.96%	0.03108557	0.07
hCV8719596	yes	Replication, All Cases	Pool	All	T	99.53%	99.93%	0.016485271	0.16
hCV8719596	yes	Replication, Probands	Pool	All	T	99.43%	99.92%	0.017727182	0.13
hCV8719596	yes	Replication, All Cases	Pool	RF+	T	99.39%	99.91%	0.013757434	0.15
hCV8719596	yes	Replication, Probands	Pool	RF+	T	99.32%	99.91%	0.017708019	0.13
hCV22274459	yes	Discovery	Pool	All	C	25.29%	18.74%	0.000596934	1.47
hCV22274459	yes	Replication, All Cases	Individual	All	C	23.45%	20.05%	0.015722483	1.22
hCV22274459	yes	Replication, Probands	Individual	All	C	23.65%	20.05%	0.030439024	1.23
hCV25768636	yes	Discovery	Pool	All	G	67.22%	72.47%	0.0142237	0.78
hCV25768636	yes	Replication, All Cases	Pool	All	G	66.35%	69.78%	0.032877444	0.85
hCV7912061	yes	Discovery	Pool	All	A	21.16%	26.51%	0.006073849	0.74
hCV7912061	yes	Replication, All Cases	Pool	All	A	23.69%	28.80%	0.000662293	0.77
hCV7912061	yes	Replication, Probands	Pool	All	A	23.62%	29.01%	0.003015339	0.76
hCV7912061	yes	Replication, All Cases	Pool	RF+	A	24.60%	28.56%	0.01861363	0.82
hCV7912061	yes	Replication, Probands	Pool	RF+	A	24.38%	28.56%	0.037181438	0.81
hCV7912052	yes	Discovery	Individual	All	A	27.30%	34.50%	0.000811571	0.71
hCV7912052	yes	Replication, Probands	Pool	All	A	32.00%	36.59%	0.017247195	0.82
hCV7912052	yes	Replication, All Cases	Pool	All	A	31.67%	36.31%	0.003991609	0.81
hCV25607005	yes	Discovery	Individual	All	A	9.62%	6.26%	0.008008216	1.59
hCV25607005	yes	Replication, All Cases	Individual	All	A	9.23%	6.69%	0.005770604	1.42
hCV25607005	yes	Replication, Probands	Individual	All	A	8.84%	6.69%	0.04479743	1.35
hCV25607005	yes	Replication, All Cases	Individual	RF+	A	9.24%	6.80%	0.018517849	1.40
hCV25933676	yes	Discovery	Pool	All	T	93.15%	95.72%	0.016620725	0.61
hCV25933676	yes	Replication, All Cases	Pool	All	T	94.93%	96.50%	0.024061424	0.68
hCV25933676	yes	Replication, Probands	Pool	All	T	94.32%	96.49%	0.008746611	0.60
hCV9142770	yes	Discovery	Pool	All	C	35.44%	30.14%	0.014513671	1.27
hCV9142770	yes	Replication, All Cases	Pool	All	C	36.70%	31.10%	0.000545921	1.28
hCV9142770	yes	Replication, Probands	Pool	All	C	36.53%	31.32%	0.007444197	1.26
hCV9142770	yes	Replication, All Cases	Pool	RF+	C	37.11%	30.44%	0.000220965	1.35
hCV9142770	yes	Replication, Probands	Pool	RF+	C	36.99%	30.44%	0.001619195	1.34
hCV12074801	yes	Discovery	Pool	All	T	24.17%	19.13%	0.007582014	1.35

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV12074801	yes	Replication, All Cases	Pool	All	T	24.79%	21.97%	0.046506951	1.17
hCV12074801	yes	Replication, Probands	Pool	All	T	25.98%	22.12%	0.030906803	1.24
hCV12074801	yes	Replication, All Cases	Pool	RF+	T	25.90%	22.36%	0.02967123	1.21
hCV12074801	yes	Replication, Probands	Pool	RF+	T	26.96%	22.36%	0.014951763	1.28
hCV11276786	yes	Discovery	Pool	Male	T	5.10%	9.92%	0.023537655	0.49
hCV11276786	yes	Replication, All Cases	Pool	Male	T	3.95%	10.30%	0.002104266	0.36
hCV25619242	yes	Discovery	Pool	All	A	16.28%	21.76%	0.0028552	0.70
hCV25619242	yes	Replication, All Cases	Individual	RF+	A	19.70%	23.60%	0.011436825	0.79
hCV25636098	yes	Discovery	Pool	All	A	2.20%	4.19%	0.013585911	0.51
hCV25636098	yes	Replication, All Cases	Individual	All	A	2.02%	3.78%	0.001966371	0.53
hCV25636098	yes	Replication, All Cases	Individual	RF+	A	1.70%	3.96%	0.00033036	0.42
hCV25636098	yes	Replication, Probands	Individual	RF+	A	1.95%	3.96%	0.009345542	0.48
hCV8766013	yes	Discovery	Pool	All	T	56.91%	52.34%	0.047506349	1.20
hCV8766013	yes	Replication, All Cases	Pool	All	T	56.60%	51.78%	0.004073975	1.21
hCV8766013	yes	Replication, Probands	Pool	All	T	56.45%	51.62%	0.016391198	1.22
hCV8766013	yes	Replication, All Cases	Pool	RF+	T	57.64%	51.68%	0.00182079	1.27
hCV8766013	yes	Replication, Probands	Pool	RF+	T	57.05%	51.68%	0.016870774	1.24
hCV8827110	yes	Discovery	Pool	All	T	25.78%	35.94%	2.28375E-06	0.62
hCV8827110	yes	Replication, All Cases	Pool	All	T	25.91%	31.36%	0.000351363	0.77
hCV8827110	yes	Replication, Probands	Pool	All	T	24.82%	31.18%	0.000572331	0.73
hCV8827110	yes	Replication, All Cases	Pool	RF+	T	24.73%	30.88%	0.000290143	0.74
hCV8827110	yes	Replication, Probands	Pool	RF+	T	24.42%	30.88%	0.001089677	0.72
hCV11559107	yes	Discovery	Pool	All	G	81.34%	85.75%	0.011035042	0.72
hCV11559107	yes	Replication, All Cases	Pool	All	G	79.13%	84.63%	2.49654E-05	0.69
hCV11559107	yes	Replication, Probands	Pool	All	G	79.38%	84.74%	0.000543523	0.69
hCV11559107	yes	Replication, All Cases	Pool	RF+	G	78.57%	84.06%	0.000245648	0.70
hCV11559107	yes	Replication, Probands	Pool	RF+	G	79.11%	84.06%	0.003761844	0.72
hCV25653443	yes	Discovery	Pool	female	A	0.15%	1.52%	0.011378829	0.10
hCV25653443	yes	Replication, Probands	Individual	female	A	0.13%	0.94%	0.027291851	0.14
hCV16046615	yes	Discovery	Pool	All	T	21.75%	25.84%	0.035953726	0.80
hCV16046615	yes	Replication, All Cases	Pool	All	T	22.46%	25.63%	0.027439695	0.84
hCV795929	yes	Discovery	Pool	All	G	14.21%	18.85%	0.006610958	0.71
hCV795929	yes	Replication, All Cases	Individual	All	G	13.66%	16.17%	0.04112972	0.82
hCV795929	yes	Replication, Probands	Individual	All	G	13.04%	16.17%	0.032069803	0.78
hCV3191771	yes	Discovery	Pool	HR-2SE	G	77.85%	85.67%	0.028624479	0.59
hCV3191771	yes	Replication, Probands	Pool	HR-2SE	G	71.95%	78.12%	0.025810501	0.72
hCV2083657	yes	Discovery	Pool	All	T	7.97%	5.33%	0.021882828	1.54
hCV2083657	yes	Replication, All Cases	Pool	All	T	7.33%	5.35%	0.01811205	1.40
hCV2083657	yes	Replication, Probands	Pool	All	T	7.24%	5.35%	0.048866918	1.38

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV2083657	yes	Replication, All Cases	Pool	RF+	T	7.09%	5.23%	0.047762772	1.38
hCV25755889	yes	Discovery	Pool	All	A	99.30%	99.94%	0.038717379	0.09
hCV25755889	yes	Replication, All Cases	Pool	RF+	A	98.87%	99.60%	0.03980729	0.35
hCV2926821	yes	Discovery	Pool	All	T	52.19%	57.35%	0.026900588	0.81
hCV2926821	yes	Replication, All Cases	Pool	All	T	55.91%	61.41%	0.001014958	0.80
hCV2926821	yes	Replication, All Cases	Pool	RF+	T	56.11%	61.22%	0.00629113	0.81
hCV652816	yes	Discovery	Pool	All	T	33.74%	29.10%	0.033450119	1.24
hCV652816	yes	Replication, All Cases	Pool	All	T	32.00%	28.29%	0.01692692	1.19
hCV652816	yes	Replication, Probands	Pool	All	T	32.07%	28.33%	0.045430523	1.19
hCV11972326	yes	Discovery	Pool	All	G	20.90%	25.02%	0.033687969	0.79
hCV11972326	yes	Replication, All Cases	Pool	RF+	G	19.03%	23.33%	0.005565171	0.77
hCV11972326	yes	Replication, Probands	Pool	RF+	G	18.40%	23.33%	0.007416424	0.74
hCV25756622	yes	Discovery	Pool	All	G	79.76%	75.79%	0.04105929	1.26
hCV25756622	yes	Replication, All Cases	Pool	All	G	80.84%	77.75%	0.024980353	1.21
hCV25756622	yes	Replication, Probands	Pool	All	G	83.00%	77.85%	0.00178917	1.39
hCV25756622	yes	Replication, All Cases	Pool	RF+	G	81.99%	78.55%	0.022761669	1.24
hCV25756622	yes	Replication, Probands	Pool	RF+	G	83.43%	78.55%	0.006642366	1.37
hCV7461647	yes	Discovery	Pool	All	G	5.72%	8.19%	0.037611465	0.68
hCV7461647	yes	Replication, All Cases	Pool	RF+	G	6.82%	9.00%	0.03644323	0.74
hCV3266627	yes	Discovery	Pool	HR-1SE	C	31.56%	47.69%	0.009111669	0.51
hCV3266627	yes	Replication, All Cases	Individual	HR-1SE	C	43.89%	50.17%	0.036753395	0.78
hCV3266627	yes	Discovery	Pool	Onset <38	C	32.46%	45.57%	0.004692968	0.57
hCV3266627	yes	Replication, Probands	Individual	Onset <38	C	42.68%	49.03%	0.039399438	0.77
hCV9487784	yes	Discovery	Pool	All	A	23.52%	12.72%	1.41814E-09	2.11
hCV9487784	yes	Replication, All Cases	Individual	All	A	36.07%	14.15%	2.38499E-52	3.42
hCV9487784	yes	Replication, Probands	Individual	All	A	35.53%	14.15%	9.20159E-37	3.34
hCV9487784	yes	Replication, All Cases	Individual	RF+	A	38.61%	14.42%	2.07661E-50	3.73
hCV9487784	yes	Replication, Probands	Individual	RF+	A	38.18%	14.42%	2.02007E-36	3.67
hCV3248144	yes	Discovery	Pool	HR-2SE	T	17.03%	25.06%	0.048182229	0.61
hCV3248144	yes	Replication, Probands	Pool	HR-2SE	T	13.34%	20.09%	0.006003298	0.61
hCV25744634	yes	Discovery	Pool	All	T	2.87%	7.58%	2.63952E-06	0.36
hCV25744634	yes	Replication, All Cases	Individual	All	T	3.65%	6.97%	1.21172E-05	0.51
hCV25744634	yes	Replication, Probands	Individual	All	T	3.25%	6.97%	3.98118E-05	0.45
hCV25744634	yes	Replication, All Cases	Individual	RF+	T	3.49%	6.81%	7.02219E-05	0.49
hCV25744634	yes	Replication, Probands	Individual	RF+	T	3.13%	6.81%	0.000215344	0.44
hCV15760047	yes	Discovery	Pool	All	G	2.98%	4.81%	0.033393769	0.61
hCV15760047	yes	Replication, All Cases	Pool	All	G	2.20%	4.46%	0.000180957	0.48
hCV15760047	yes	Replication, Probands	Pool	All	G	2.37%	4.45%	0.007682849	0.52
hCV15760047	yes	Replication, All Cases	Pool	RF+	G	1.74%	4.45%	5.41433E-05	0.38

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV15760047	yes	Replication, Probands	Pool	RF+	G	1.93%	4.45%	0.001992502	0.42
hCV8301529	yes	Discovery	Pool	All	C	92.07%	94.55%	0.035029178	0.67
hCV8301529	yes	Replication, All Cases	Pool	All	C	91.78%	94.26%	0.004204353	0.68
hCV8301529	yes	Replication, Probands	Pool	All	C	92.15%	94.27%	0.038345289	0.71
hCV8301529	yes	Replication, All Cases	Pool	RF+	C	91.99%	94.51%	0.009615307	0.67
hCV8301529	yes	Replication, Probands	Pool	RF+	C	92.05%	94.51%	0.029291017	0.67
hCV25759203	yes	Discovery	Pool	Female	T	95.14%	97.64%	0.023252337	0.47
hCV25759203	yes	Replication, All Cases	Pool	Female	T	94.99%	96.72%	0.026271509	0.64
hCV25747791	yes	Discovery	Pool	All	G	99.59%	98.15%	0.002466592	4.54
hCV25747791	yes	Replication, All Cases	Pool	All	G	99.76%	99.19%	0.021535469	3.36
hCV8303385	yes	Discovery	Individual	All	T	17.31%	13.35%	0.017853995	1.36
hCV8303385	yes	Replication, All Cases	Individual	All	T	16.91%	13.28%	0.002909867	1.33
hCV25650933	yes	Discovery	Individual	All	T	16.45%	11.36%	0.00167969	1.54
hCV25650933	yes	Replication, All Cases	Individual	All	T	15.27%	11.83%	0.003020328	1.34
hCV25650933	yes	Replication, Probands	Individual	All	T	14.83%	11.83%	0.030003238	1.30
hCV25930645	yes	Discovery	Pool	HR-2SE	A	95.58%	99.95%	0.000881309	0.01
hCV25930645	yes	Replication, Probands	Pool	HR-2SE	A	95.38%	98.28%	0.012998803	0.36
hCV2619261	yes	Discovery	Pool	All	T	32.93%	38.68%	0.009817998	0.78
hCV2619261	yes	Replication, All Cases	Pool	All	T	33.36%	39.27%	0.000271555	0.77
hCV2619261	yes	Replication, Probands	Pool	All	T	33.12%	39.63%	0.000916519	0.75
hCV2619261	yes	Replication, All Cases	Pool	RF+	T	33.08%	39.04%	0.001080682	0.77
hCV2619261	yes	Replication, Probands	Pool	RF+	T	33.16%	39.04%	0.006093006	0.77
hCV2950320	yes	Discovery	Pool	Male	T	14.36%	7.47%	0.007486426	2.08
hCV2950320	yes	Replication, All Cases	Pool	Male	T	13.20%	6.35%	0.003257151	2.24
hCV2950320	yes	Replication, Probands	Pool	Male	T	14.26%	6.35%	0.005992173	2.45
hCV25934391	yes	Discovery	Pool	HR-1SE	G	72.83%	85.14%	0.011818004	0.47
hCV25934391	yes	Replication, Probands	Pool	HR-1SE	G	80.50%	87.05%	0.018454692	0.61
hCV2744375	yes	Discovery	Pool	All	T	88.63%	92.03%	0.015994155	0.67
hCV2744375	yes	Replication, All Cases	Pool	All	T	89.61%	91.58%	0.043198675	0.79
hCV25972553	yes	Discovery	Pool	All	T	57.47%	52.42%	0.027015382	1.23
hCV25972553	yes	Replication, All Cases	Pool	All	T	55.69%	50.00%	0.000738409	1.26
hCV25972553	yes	Replication, Probands	Pool	All	T	55.79%	50.00%	0.004443393	1.26
hCV25972553	yes	Replication, All Cases	Pool	RF+	T	55.51%	49.34%	0.0012697	1.28
hCV25972553	yes	Replication, Probands	Pool	RF+	T	55.14%	49.34%	0.008110305	1.26
hCV25473136	yes	Discovery	Pool	Male	T	91.88%	83.43%	0.001172864	2.25
hCV25473136	yes	Replication, All Cases	Pool	Male	T	90.99%	81.36%	0.000374319	2.31
hCV25473136	yes	Replication, Probands	Pool	Male	T	89.32%	81.36%	0.024670283	1.92
hCV1413258	yes	Discovery	Pool	Female	G	82.09%	74.90%	0.001590237	1.54
hCV1413258	yes	Replication, All Cases	Pool	Female	G	78.57%	73.98%	0.004948573	1.29

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV1413258	yes	Replication, Probands	Pool	Female	G	78.56%	73.98%	0.019266924	1.29
hCV1413258	yes	Discovery	Pool	HR-1SE	G	81.46%	70.38%	0.046033661	1.85
hCV1413258	yes	Replication, Probands	Pool	HR-1SE	G	81.36%	74.83%	0.04426868	1.47
hCV11720402	yes	Discovery	Pool	All	T	39.31%	44.70%	0.01773467	0.80
hCV11720402	yes	Replication, All Cases	Pool	All	T	40.22%	45.27%	0.002741399	0.81
hCV11720402	yes	Replication, Probands	Pool	All	T	40.84%	45.10%	0.036902948	0.84
hCV11720402	yes	Replication, All Cases	Pool	RF+	T	40.64%	45.91%	0.005312239	0.81
hCV11720402	yes	Replication, Probands	Pool	RF+	T	40.27%	45.91%	0.009968486	0.79
hCV25472930	yes	Discovery	Pool	Female	C	9.95%	6.00%	0.016146024	1.73
hCV25472930	yes	Replication, Probands	Pool	Female	C	8.93%	6.47%	0.038767083	1.42
hCV2004708	yes	Discovery	Pool	LR-1SE	C	32.28%	60.36%	0.005596267	0.31
hCV2004708	yes	Replication, Probands	Pool	LR-1SE	C	38.23%	55.85%	0.032904768	0.49
hCV25640226	yes	Discovery	Pool	All	C	91.63%	88.76%	0.030924151	1.39
hCV25640226	yes	Replication, All Cases	Pool	All	C	91.02%	88.12%	0.005950157	1.37
hCV25640226	yes	Replication, Probands	Pool	All	C	90.67%	88.08%	0.044790792	1.31
hCV25640226	yes	Replication, All Cases	Pool	RF+	C	91.35%	88.25%	0.007425925	1.41
hCV25640226	yes	Replication, Probands	Pool	RF+	C	91.13%	88.25%	0.032892031	1.37
hCV11597077	yes	Discovery	Pool	All	A	46.34%	51.24%	0.031144846	0.82
hCV11597077	yes	Replication, All Cases	Individual	RF+	A	45.04%	48.96%	0.036466659	0.85
hCV1839329	yes	Discovery	Pool	All	G	45.62%	50.17%	0.04350832	0.83
hCV1839329	yes	Replication, All Cases	Individual	RF+	G	45.12%	48.95%	0.039858409	0.86
hCV11735875	yes	Discovery	Pool	HR-1SE	C	20.75%	8.48%	0.009569938	2.82
hCV11735875	yes	Replication, Probands	Individual	HR-1SE	C	18.03%	11.22%	0.006484705	1.74
hCV1253735	yes	Discovery	Pool	All	T	84.32%	88.11%	0.016722125	0.73
hCV1253735	yes	Replication, All Cases	Pool	All	T	84.06%	87.67%	0.001912589	0.74
hCV1253735	yes	Replication, Probands	Pool	All	T	84.26%	87.62%	0.017369356	0.76
hCV1773247	yes	Discovery	Pool	All	T	6.36%	8.74%	0.045985585	0.71
hCV1773247	yes	Replication, All Cases	Pool	All	T	5.69%	8.12%	0.005436031	0.68
hCV1773247	yes	Replication, Probands	Pool	All	T	5.84%	8.25%	0.024677255	0.69
hCV1773247	yes	Replication, All Cases	Pool	RF+	T	5.90%	8.58%	0.007182091	0.67
hCV1773247	yes	Replication, Probands	Pool	RF+	T	5.98%	8.58%	0.031138079	0.68
hCV16142950	yes	Discovery	Pool	All	G	41.72%	46.94%	0.02361255	0.81
hCV16142950	yes	Replication, All Cases	Pool	All	G	46.59%	51.06%	0.00856573	0.84
hCV16142950	yes	Replication, All Cases	Pool	RF+	G	45.24%	50.92%	0.002756781	0.80
hCV25592530	yes	Discovery	Pool	Female	T	13.90%	19.51%	0.008024342	0.67
hCV25592530	yes	Replication, Probands	Pool	Female	T	16.06%	20.60%	0.008827259	0.74
hCV11758437	yes	Discovery	Pool	All	G	58.30%	63.51%	0.021357508	0.80
hCV11758437	yes	Replication, All Cases	Pool	All	G	55.07%	59.27%	0.011734382	0.84
hCV204710	yes	Discovery	Pool	All	G	73.30%	77.70%	0.028736073	0.79

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV204710	yes	Replication, All Cases	Pool	RF+	G	75.14%	78.99%	0.014702128	0.80
hCV8915168	yes	Discovery	Individual	All	A	24.03%	29.83%	0.004893574	0.74
hCV8915168	yes	Replication, All Cases	Individual	All	A	24.46%	28.79%	0.003802791	0.80
hCV8915168	yes	Replication, Probands	Individual	All	A	24.30%	28.79%	0.01291231	0.79
hCV8915168	yes	Replication, All Cases	Individual	RF+	A	23.67%	28.52%	0.003439631	0.78
hCV8915168	yes	Replication, Probands	Individual	RF+	A	22.99%	28.52%	0.005147306	0.75
hCV443471	yes	Discovery	Individual	HR-2SE	T	31.15%	39.69%	0.044411024	0.69
hCV443471	yes	Replication, All Cases	Individual	HR-2SE	T	30.84%	38.61%	0.002059442	0.71
hCV25606714	yes	Discovery	Pool	Male	G	95.81%	98.86%	0.046126005	0.26
hCV25606714	yes	Replication, Probands	Pool	Male	G	96.76%	99.38%	0.044064752	0.19
hCV25606714	yes	Discovery	Pool	LR-0SE	G	93.52%	99.98%	0.029253637	0.00
hCV25606714	yes	Replication, Probands	Pool	LR-0SE	G	93.05%	99.50%	0.016507932	0.07
hCV25992555	yes	Discovery	Pool	All	G	99.83%	98.96%	0.037981673	6.11
hCV25992555	yes	Replication, All Cases	Pool	All	G	99.81%	98.46%	1.19354E-05	8.09
hCV25992555	yes	Replication, Probands	Pool	All	G	99.80%	98.44%	0.001308492	7.90
hCV25992555	yes	Replication, All Cases	Pool	RF+	G	99.98%	98.49%	1.20186E-06	72.68
hCV25992555	yes	Replication, Probands	Pool	RF+	G	99.98%	98.49%	0.000159669	68.56
hCV3246662	yes	Discovery	Pool	Female	T	28.61%	35.86%	0.007863989	0.72
hCV3246662	yes	Replication, All Cases	Pool	Female	T	29.97%	34.12%	0.020251551	0.83
hCV25608626	yes	Discovery	Pool	All	G	86.02%	82.47%	0.032646381	1.31
hCV25608626	yes	Replication, All Cases	Pool	RF+	G	83.04%	80.05%	0.045922497	1.22
hCV11356754	yes	Discovery	Pool	All	T	55.31%	59.83%	0.046168174	0.83
hCV11356754	yes	Replication, All Cases	Pool	All	T	58.24%	61.89%	0.027662855	0.86
hCV11356754	yes	Replication, Probands	Pool	All	T	57.45%	61.84%	0.030908833	0.83
hCV11356754	yes	Replication, All Cases	Pool	RF+	T	56.91%	61.76%	0.0097314	0.82
hCV11356754	yes	Replication, Probands	Pool	RF+	T	57.29%	61.76%	0.042384241	0.83
hCV730311	yes	Discovery	Pool	Onset 38-55	T	6.19%	2.50%	0.004465734	2.57
hCV730311	yes	Replication, All Cases	Individual	Onset 38-55	T	5.47%	3.04%	0.017325269	1.84
hCV25960573	yes	Discovery	Pool	All	G	20.26%	24.58%	0.027949114	0.78
hCV25960573	yes	Replication, All Cases	Pool	RF+	G	20.99%	25.31%	0.007209935	0.78
hCV1671515	yes	Discovery	Pool	Female	T	81.36%	75.34%	0.011171605	1.43
hCV1671515	yes	Replication, All Cases	Pool	Female	T	79.06%	75.46%	0.026482124	1.23
hCV1671515	yes	Replication, Probands	Pool	Female	T	79.69%	75.46%	0.025821619	1.28
hCV16062492	yes	Discovery	Pool	LR-1SE	G	73.35%	52.43%	0.037656345	2.50
hCV16062492	yes	Replication, Probands	Pool	LR-1SE	G	76.73%	55.63%	0.00713712	2.63
hCV25983354	yes	Discovery	Pool	Male	G	0.01%	4.35%	5.28316E-05	0.00
hCV25983354	yes	Replication, All Cases	Pool	Male	G	0.01%	6.15%	6.58998E-07	0.00
hCV25983354	yes	Replication, Probands	Pool	Male	G	0.01%	6.15%	0.000366416	0.00
hCV25983354	yes	Discovery	Pool	HR-1SE	G	0.00%	10.30%	4.29167E-05	0.00

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV25983354	yes	Replication, Probands	Pool	HR-1SE	G	0.00%	10.23%	4.96093E-10	0.00
hCV25747046	yes	Discovery	Pool	Female	G	10.87%	15.11%	0.028795907	0.69
hCV25747046	yes	Replication, All Cases	Pool	Female	G	13.12%	16.65%	0.010556758	0.76
hCV1815793	yes	Discovery	Pool	HR-2SE	T	35.88%	49.40%	0.004101901	0.57
hCV1815793	yes	Replication, Probands	Pool	HR-2SE	T	36.93%	45.44%	0.011611886	0.70
hCV11297739	yes	Discovery	Pool	All	T	15.15%	11.92%	0.037849694	1.32
hCV11297739	yes	Replication, All Cases	Pool	All	T	14.03%	11.01%	0.00683445	1.32
hCV11297739	yes	Replication, Probands	Pool	All	T	14.10%	10.91%	0.020584376	1.34
hCV11297739	yes	Replication, All Cases	Pool	RF+	T	14.41%	11.27%	0.014462494	1.33
hCV11297739	yes	Replication, Probands	Pool	RF+	T	14.61%	11.27%	0.027092349	1.35
hCV7586912	yes	Discovery	Pool	All	T	76.15%	71.00%	0.014418809	1.30
hCV7586912	yes	Replication, Probands	Pool	All	T	78.19%	74.77%	0.046254089	1.21
hCV16166772	yes	Discovery	Pool	All	C	12.33%	9.41%	0.03914869	1.35
hCV16166772	yes	Replication, All Cases	Pool	All	C	10.02%	7.91%	0.03335215	1.30
hCV16166772	yes	Replication, All Cases	Pool	RF+	C	10.12%	7.62%	0.018974499	1.36
hCV25942539	yes	Discovery	Pool	All	A	34.48%	29.38%	0.016005087	1.26
hCV25942539	yes	Replication, Probands	Pool	All	A	37.80%	33.06%	0.015056544	1.23
hCV3076433	yes	Discovery	Pool	All	T	26.07%	35.44%	1.19047E-05	0.64
hCV3076433	yes	Replication, All Cases	Individual	RF+	T	31.18%	35.59%	0.012681072	0.82
hCV3015606	yes	Discovery	Pool	All	T	46.37%	50.93%	0.043615926	0.83
hCV3015606	yes	Replication, All Cases	Pool	All	T	47.40%	52.07%	0.005736671	0.83
hCV3015606	yes	Replication, All Cases	Pool	RF+	T	47.83%	52.43%	0.015394887	0.83
hCV3015606	yes	Replication, Probands	Pool	RF+	T	47.76%	52.43%	0.038060373	0.83
hCV9283503	yes	Discovery	Pool	All	G	48.76%	55.50%	0.003801901	0.76
hCV9283503	yes	Replication, All Cases	Pool	All	G	50.28%	54.70%	0.009380237	0.84
hCV9283503	yes	Replication, Probands	Pool	All	G	50.21%	54.45%	0.038082293	0.84
hCV9283503	yes	Replication, All Cases	Pool	RF+	G	50.17%	55.21%	0.007932113	0.82
hCV9283503	yes	Replication, Probands	Pool	RF+	G	50.09%	55.21%	0.024005749	0.81
hCV1248029	yes	Discovery	Pool	All	G	49.80%	42.79%	0.002382314	1.33
hCV1248029	yes	Replication, All Cases	Individual	All	G	47.67%	43.08%	0.006722118	1.20
hCV1248029	yes	Replication, All Cases	Individual	RF+	G	47.40%	42.91%	0.016405472	1.20
hCV2095401	yes	Discovery	Pool	Male	G	67.65%	75.90%	0.028526168	0.66
hCV2095401	yes	Replication, Probands	Pool	Male	G	60.87%	73.06%	0.006459057	0.57
hCV3226838	yes	Discovery	Pool	Male	G	41.54%	55.23%	0.000685889	0.58
hCV3226838	yes	Replication, All Cases	Pool	Male	G	42.07%	51.68%	0.017571452	0.68
hCV3226838	yes	Replication, Probands	Pool	Male	G	40.04%	51.68%	0.019922507	0.62
hCV1283127	yes	Discovery	Individual	All	G	26.66%	33.01%	0.002860114	0.74
hCV1283127	yes	Replication, All Cases	Individual	All	G	27.56%	30.67%	0.045376785	0.86
hCV1283127	yes	Replication, All Cases	Individual	RF+	G	27.88%	31.49%	0.037702138	0.84

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV1283131	yes	Discovery	Individual	All	C	12.66%	9.34%	0.022171575	1.41
hCV1283131	yes	Replication, All Cases	Individual	All	C	14.64%	9.23%	6.62902E-07	1.69
hCV1283131	yes	Replication, Probands	Individual	All	C	15.12%	9.23%	5.44977E-06	1.75
hCV1283131	yes	Replication, All Cases	Individual	RF+	C	15.53%	9.16%	1.83404E-07	1.82
hCV1283131	yes	Replication, Probands	Individual	RF+	C	15.58%	9.16%	7.31461E-06	1.83
hCV9692842	yes	Discovery	Individual	All	T	17.95%	14.12%	0.027583095	1.33
hCV9692842	yes	Replication, Probands	Pool	All	T	18.57%	12.61%	4.22269E-05	1.58
hCV9692842	yes	Replication, Probands	Pool	RF+	T	19.49%	12.24%	4.81155E-06	1.74
hCV9692842	yes	Replication, All Cases	Pool	All	T	19.44%	12.59%	2.81804E-08	1.67
hCV9692842	yes	Replication, All Cases	Pool	RF+	T	21.10%	12.24%	2.22566E-10	1.92
hCV1231817	yes	Discovery	Pool	Female	T	60.77%	67.35%	0.016022557	0.75
hCV1231817	yes	Replication, All Cases	Pool	Female	T	58.89%	63.28%	0.021130308	0.83
hCV11514490	yes	Discovery	Pool	male	A	16.03%	10.49%	0.048434467	1.63
hCV11514490	yes	Replication, Probands	Individual	male	A	17.61%	11.08%	0.041511164	1.72
hCV15976147	yes	Discovery	Individual	All	G	1.71%	0.53%	0.015908686	3.27
hCV15976147	yes	Replication, All Cases	Individual	All	G	1.25%	0.38%	0.003891619	3.34
hCV15976147	yes	Replication, Probands	Individual	All	G	1.19%	0.38%	0.02080022	3.17
hCV15976147	yes	Replication, All Cases	Individual	RF+	G	1.41%	0.45%	0.009091213	3.13
hCV15976147	yes	Replication, Probands	Individual	RF+	G	1.43%	0.45%	0.020719529	3.17
hCV16194374	yes	Discovery	Pool	All	C	4.08%	6.55%	0.024035986	0.61
hCV16194374	yes	Replication, All Cases	Pool	RF+	C	5.12%	7.31%	0.015852406	0.68
hCV16194374	yes	Discovery	Pool	Male	C	2.98%	6.79%	0.044519945	0.42
hCV16194374	yes	Replication, All Cases	Pool	Male	C	3.90%	8.25%	0.032368257	0.45
hCV9272397	yes	Discovery	Pool	All	A	49.21%	42.07%	0.002022714	1.33
hCV9272397	yes	Replication, All Cases	Individual	All	A	49.76%	44.18%	0.001025442	1.25
hCV9272397	yes	Replication, Probands	Individual	All	A	49.78%	44.18%	0.005894549	1.25
hCV9272397	yes	Replication, All Cases	Individual	RF+	A	50.82%	43.72%	0.000155648	1.33
hCV9272397	yes	Replication, Probands	Individual	RF+	A	50.39%	43.72%	0.002535487	1.31
hCV25924724	yes	Discovery	Pool	All	T	83.42%	86.75%	0.046080833	0.77
hCV25924724	yes	Replication, All Cases	Pool	All	T	83.18%	85.64%	0.045520864	0.83
hCV25924724	yes	Replication, Probands	Pool	All	T	82.49%	85.53%	0.043158192	0.80
hCV25924724	yes	Replication, All Cases	Pool	RF+	T	82.91%	85.62%	0.047355326	0.81
hCV25993353	yes	Discovery	Pool	All	G	24.74%	20.63%	0.037297858	1.26
hCV25993353	yes	Replication, All Cases	Pool	All	G	19.63%	16.90%	0.03615817	1.20
hCV7454533	yes	Discovery	Pool	Male	T	40.92%	50.50%	0.017589388	0.68
hCV7454533	yes	Replication, All Cases	Pool	Male	T	42.31%	50.30%	0.04774614	0.72
hCV549404	yes	Discovery	Pool	LR-0SE	G	8.76%	0.36%	0.013576787	26.79
hCV549404	yes	Replication, Probands	Pool	LR-0SE	G	13.41%	4.04%	0.013863131	3.68
hCV25641653	yes	Discovery	Individual	All	G	43.05%	49.68%	0.001749155	0.75

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV25641653	yes	Replication, Probands	Individual	RF+	G	45.97%	50.52%	0.042230374	0.83
hCV15881845	yes	Discovery	Individual	All	C	5.27%	7.58%	0.048985507	0.68
hCV15881845	yes	Replication, All Cases	Individual	All	C	5.36%	7.02%	0.043262494	0.75
hCV15881845	yes	Replication, All Cases	Individual	RF+	C	4.66%	6.95%	0.008969727	0.65
hCV25967527	yes	Discovery	Pool	All	C	99.73%	98.52%	0.007299426	5.58
hCV25967527	yes	Replication, All Cases	Pool	All	C	99.45%	98.84%	0.046088278	2.15
hCV25967527	yes	Replication, All Cases	Pool	RF+	C	99.60%	98.85%	0.03316308	2.91
hCV8714838	yes	Discovery	Pool	All	G	38.89%	43.93%	0.025484527	0.81
hCV8714838	yes	Replication, All Cases	Individual	All	G	40.57%	44.69%	0.014069995	0.85
hCV2936823	yes	Discovery	Pool	All	T	33.95%	41.06%	0.001755868	0.74
hCV2936823	yes	Replication, All Cases	Individual	All	T	38.45%	42.73%	0.010750447	0.84
hCV1654841	yes	Discovery	Pool	Onset 38-55	A	32.19%	41.02%	0.003715442	0.68
hCV1654841	yes	Replication, All Cases	Individual	Onset 38-55	A	31.95%	37.15%	0.03116307	0.79
hCV1654841	yes	Replication, Probands	Individual	Onset 38-55	A	30.28%	37.15%	0.015329657	0.73
hCV8954669	yes	Discovery	Pool	Male	G	37.27%	46.93%	0.013574462	0.67
hCV8954669	yes	Replication, Probands	Pool	Male	G	37.37%	48.36%	0.025274815	0.64
hCV25751699	yes	Discovery	Pool	All	T	57.03%	62.54%	0.016996032	0.79
hCV25751699	yes	Replication, All Cases	Pool	All	T	61.36%	65.04%	0.023138645	0.85
hCV25745882	yes	Discovery	Pool	Male	A	29.76%	39.49%	0.012880766	0.65
hCV25745882	yes	Replication, All Cases	Pool	Male	A	28.23%	38.44%	0.007333812	0.63
hCV16229390	yes	Discovery	Individual	All	G	27.67%	33.58%	0.00591709	0.76
hCV16229390	yes	Replication, All Cases	Individual	All	G	29.38%	35.03%	0.000359481	0.77
hCV16229390	yes	Replication, Probands	Individual	All	G	28.14%	35.03%	0.000262438	0.73
hCV16229390	yes	Replication, All Cases	Individual	RF+	G	28.85%	34.94%	0.000511784	0.76
hCV16229390	yes	Replication, Probands	Individual	RF+	G	27.40%	34.94%	0.000279774	0.70
hCV7499127	yes	Discovery	Pool	All	G	31.74%	36.50%	0.026144581	0.81
hCV7499127	yes	Replication, All Cases	Pool	All	G	31.52%	39.99%	1.6743E-07	0.69
hCV7499127	yes	Replication, Probands	Pool	All	G	30.16%	40.08%	4.25266E-07	0.65
hCV7499127	yes	Replication, All Cases	Pool	RF+	G	30.89%	39.69%	1.41213E-06	0.68
hCV7499127	yes	Replication, Probands	Pool	RF+	G	30.09%	39.69%	6.88819E-06	0.65
hCV1709713	yes	Discovery	Pool	All	G	8.29%	11.96%	0.007908651	0.67
hCV1709713	yes	Replication, Probands	Individual	All	G	7.38%	10.21%	0.014851566	0.70
hCV1709713	yes	Replication, All Cases	Individual	RF+	G	8.26%	10.55%	0.040867294	0.76
hCV1709713	yes	Replication, Probands	Individual	RF+	G	7.18%	10.55%	0.009834543	0.66
hCV16006940	yes	Discovery	Pool	All	C	45.01%	49.68%	0.043403566	0.83
hCV16006940	yes	Replication, All Cases	Individual	RF+	C	47.71%	52.01%	0.022983979	0.84
hCV1724443	yes	Discovery	Pool	All	G	43.39%	49.90%	0.004383893	0.77
hCV1724443	yes	Replication, All Cases	Individual	All	G	38.65%	42.32%	0.027901318	0.86
hCV1724443	yes	Replication, All Cases	Individual	RF+	G	37.19%	42.38%	0.004822046	0.80

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV773663	yes	Discovery	Pool	All	G	9.09%	6.28%	0.030986252	1.49
hCV773663	yes	Replication, All Cases	Pool	All	G	7.03%	5.19%	0.023776666	1.38
hCV773663	yes	Replication, All Cases	Pool	RF+	G	7.48%	5.25%	0.018813069	1.46
hCV2628820	yes	Discovery	Pool	All	C	75.02%	79.09%	0.043446577	0.79
hCV2628820	yes	Replication, All Cases	Pool	All	C	76.71%	80.83%	0.002958868	0.78
hCV2628820	yes	Replication, Probands	Pool	All	C	76.61%	80.96%	0.008924443	0.77
hCV2628820	yes	Replication, All Cases	Pool	RF+	C	76.13%	80.92%	0.002241465	0.75
hCV2628820	yes	Replication, Probands	Pool	RF+	C	76.00%	80.92%	0.00647635	0.75
hCV589914	yes	Discovery	Pool	All	G	53.70%	48.08%	0.016995833	1.25
hCV589914	yes	Replication, All Cases	Pool	All	G	51.25%	46.35%	0.003743931	1.22
hCV589914	yes	Replication, Probands	Pool	All	G	50.72%	46.40%	0.031290456	1.19
hCV589914	yes	Replication, All Cases	Pool	RF+	G	52.47%	45.81%	0.000489735	1.31
hCV589914	yes	Replication, Probands	Pool	RF+	G	51.35%	45.81%	0.015064359	1.25
hCV3274630	yes	Discovery	Pool	All	A	42.72%	49.36%	0.00376044	0.77
hCV3274630	yes	Replication, All Cases	Individual	All	A	45.76%	50.38%	0.006264619	0.83
hCV3274630	yes	Replication, Probands	Individual	All	A	45.25%	50.38%	0.011192048	0.81
hCV3274630	yes	Replication, All Cases	Individual	RF+	A	44.29%	50.78%	0.000514166	0.77
hCV3274630	yes	Replication, Probands	Individual	RF+	A	43.90%	50.78%	0.001982975	0.76
hCV25627998	yes	Discovery	Pool	All	T	0.92%	0.17%	0.038080194	5.49
hCV25627998	yes	Replication, All Cases	Pool	All	T	1.33%	0.55%	0.019829797	2.43
hCV25627998	yes	Replication, Probands	Pool	All	T	1.34%	0.56%	0.041259124	2.41
hCV11600233	yes	Discovery	Pool	HR-2SE	T	59.49%	43.04%	0.000485016	1.94
hCV11600233	yes	Replication, All Cases	Pool	HR-2SE	T	61.09%	50.16%	0.00077991	1.56
hCV11690571	yes	Discovery	Pool	All	G	94.84%	92.18%	0.024895104	1.56
hCV11690571	yes	Replication, All Cases	Pool	All	G	95.02%	92.69%	0.005138991	1.51
hCV11690571	yes	Replication, Probands	Pool	All	G	95.21%	92.92%	0.024265047	1.51
hCV11690571	yes	Replication, All Cases	Pool	RF+	G	95.48%	93.16%	0.011792415	1.55
hCV11690571	yes	Replication, Probands	Pool	RF+	G	95.95%	93.16%	0.006516882	1.74
hCV12055895	yes	Discovery	Pool	All	T	89.01%	84.70%	0.006453778	1.46
hCV12055895	yes	Replication, All Cases	Pool	All	T	86.23%	82.62%	0.003006586	1.32
hCV12055895	yes	Replication, Probands	Pool	All	T	85.85%	82.52%	0.028283202	1.29
hCV12055895	yes	Replication, All Cases	Pool	RF+	T	86.26%	82.23%	0.003752911	1.36
hCV12055895	yes	Replication, Probands	Pool	RF+	T	86.30%	82.23%	0.014601385	1.36
hCV12064788	yes	Discovery	Pool	All	G	91.94%	87.50%	0.001531213	1.63
hCV12064788	yes	Replication, All Cases	Pool	All	G	93.50%	87.35%	6.00139E-10	2.08
hCV12064788	yes	Replication, Probands	Pool	All	G	93.50%	87.29%	3.34024E-07	2.09
hCV12064788	yes	Replication, All Cases	Pool	RF+	G	94.22%	87.59%	1.73651E-09	2.31
hCV12064788	yes	Replication, Probands	Pool	RF+	G	93.89%	87.59%	1.41069E-06	2.18
hCV1468814	yes	Discovery	Pool	Male	T	87.97%	79.61%	0.004031757	1.87

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV1468814	yes	Replication, All Cases	Pool	Male	T	87.48%	80.67%	0.017542901	1.67
hCV1468814	yes	Replication, Probands	Pool	Male	T	89.06%	80.67%	0.027009572	1.95
hCV15852026	yes	Discovery	Pool	All	G	88.30%	85.13%	0.042753162	1.32
hCV15852026	yes	Replication, All Cases	Pool	All	G	89.94%	86.49%	0.001749278	1.40
hCV15852026	yes	Replication, All Cases	Pool	RF+	G	90.34%	87.79%	0.034437583	1.30
hCV15941749	yes	Discovery	Pool	All	T	36.11%	40.60%	0.047505446	0.83
hCV15941749	yes	Replication, All Cases	Pool	All	T	36.15%	42.53%	9.86493E-05	0.77
hCV15941749	yes	Replication, Probands	Pool	All	T	33.86%	42.59%	1.07647E-05	0.69
hCV15941749	yes	Replication, All Cases	Pool	RF+	T	36.06%	42.50%	0.000490082	0.76
hCV15941749	yes	Replication, Probands	Pool	RF+	T	34.33%	42.50%	0.000150358	0.71
hCV16006934	yes	Discovery	Pool	All	A	20.70%	17.08%	0.046211396	1.27
hCV16006934	yes	Replication, All Cases	Pool	All	A	24.05%	20.41%	0.009436009	1.23
hCV16006934	yes	Replication, All Cases	Pool	RF+	A	24.05%	20.81%	0.040570497	1.21
hCV16023642	yes	Discovery	Pool	All	T	93.53%	96.55%	0.004062535	0.52
hCV16023642	yes	Replication, All Cases	Pool	All	T	92.61%	94.42%	0.028086446	0.74
hCV16023642	yes	Replication, Probands	Pool	All	T	91.59%	94.32%	0.006806874	0.66
hCV16023642	yes	Replication, Probands	Pool	RF+	T	91.52%	94.19%	0.016978699	0.67
hCV2153710	yes	Discovery	Pool	All	G	70.58%	78.27%	0.000122531	0.67
hCV2153710	yes	Replication, All Cases	Pool	All	G	74.85%	79.18%	0.002308953	0.78
hCV2153710	yes	Replication, Probands	Pool	All	G	73.95%	79.15%	0.00258196	0.75
hCV2153710	yes	Replication, All Cases	Pool	RF+	G	74.77%	79.94%	0.001252083	0.74
hCV2153710	yes	Replication, Probands	Pool	RF+	G	74.85%	79.94%	0.005412316	0.75
hCV216064	yes	Discovery	Pool	All	G	24.12%	31.35%	0.000486751	0.70
hCV216064	yes	Replication, All Cases	Individual	All	G	24.79%	28.55%	0.011959926	0.83
hCV216064	yes	Replication, Probands	Individual	All	G	24.62%	28.55%	0.029922943	0.82
hCV216064	yes	Replication, All Cases	Individual	RF+	G	23.85%	28.29%	0.007499249	0.79
hCV216064	yes	Replication, Probands	Individual	RF+	G	23.12%	28.29%	0.008053711	0.76
hCV2250399	yes	Discovery	Pool	male	A	41.98%	30.06%	0.00184943	1.68
hCV2250399	yes	Replication, All Cases	Individual	male	A	45.03%	32.95%	0.000874184	1.67
hCV2250399	yes	Replication, Probands	Individual	male	A	47.73%	32.95%	0.001196062	1.86
hCV2259574	yes	Discovery	Pool	Male	T	18.24%	25.01%	0.036181592	0.67
hCV2259574	yes	Replication, All Cases	Pool	Male	T	18.69%	26.36%	0.023141099	0.64
hCV2259574	yes	Replication, Probands	Pool	Male	T	15.27%	26.36%	0.005356738	0.50
hCV25972265	yes	Discovery	Pool	Onset 38-55	A	25.11%	19.27%	0.026638525	1.40
hCV25972265	yes	Replication, All Cases	Individual	Onset 38-55	A	22.92%	18.38%	0.025578056	1.32
hCV25972265	yes	Discovery	Pool	HR-2SE	A	26.34%	17.94%	0.031262995	1.64
hCV25972265	yes	Replication, All Cases	Individual	HR-2SE	A	24.13%	19.06%	0.02140711	1.35
hCV25972265	yes	Replication, Probands	Individual	HR-2SE	A	24.61%	19.06%	0.03120769	1.39
hCV3277068	yes	Discovery	Pool	All	T	32.39%	28.06%	0.045717416	1.23

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV3277068	yes	Replication, All Cases	Pool	All	T	34.97%	29.69%	0.00079947	1.27
hCV3277068	yes	Replication, Probands	Pool	All	T	35.10%	29.51%	0.003379771	1.29
hCV3277068	yes	Replication, All Cases	Pool	RF+	T	35.39%	29.32%	0.000563192	1.32
hCV3277068	yes	Replication, Probands	Pool	RF+	T	36.22%	29.32%	0.000883004	1.37
hCV478645	yes	Discovery	Pool	All	C	41.92%	47.06%	0.023811653	0.81
hCV478645	yes	Replication, All Cases	Pool	RF+	C	43.41%	47.40%	0.036510196	0.85
hCV8844728	yes	Discovery	Pool	All	G	0.26%	1.22%	0.020812078	0.21
hCV8844728	yes	Replication, All Cases	Pool	All	G	0.37%	1.14%	0.010606669	0.32
hCV8870139	yes	Discovery	Pool	All	T	27.45%	22.10%	0.006775991	1.33
hCV8870139	yes	Replication, All Cases	Individual	All	T	38.04%	34.27%	0.020574439	1.18
hCV9484175	yes	Discovery	Pool	All	T	49.64%	56.48%	0.002825824	0.76
hCV9484175	yes	Replication, All Cases	Pool	All	T	59.41%	63.85%	0.007604773	0.83
hCV9484175	yes	Replication, All Cases	Pool	RF+	T	58.68%	63.73%	0.007262101	0.81
hCV2995653	no	Discovery	Pool	All	G	3.67%	6.19%	0.011215026	0.58
hCV3293876	no	Discovery	Pool	All	T	7.99%	13.68%	6.52139E-05	0.55
hCV25755336	no	Discovery	Pool	All	G	21.35%	16.29%	0.004889825	1.40
hCV11688904	no	Discovery	Pool	All	G	0.82%	2.50%	0.004237938	0.32
hCV25742456	no	Discovery	Pool	All	G	93.95%	96.65%	0.008820847	0.54
hCV549896	no	Discovery	Pool	All	G	99.06%	97.12%	0.002342088	3.13
hCV2479345	no	Discovery	Pool	All	G	42.52%	48.52%	0.008695748	0.78
hCV11407883	no	Discovery	Pool	All	G	41.73%	46.38%	0.041993034	0.83
hCV25926376	no	Discovery	Pool	All	G	62.23%	67.50%	0.016378471	0.79
hCV2438322	no	Discovery	Pool	All	T	22.54%	18.77%	0.04149316	1.26
hCV2455742	no	Discovery	Pool	All	T	51.99%	62.58%	4.31627E-06	0.65
hCV2495658	no	Discovery	Pool	All	T	84.11%	77.95%	0.000560178	1.50
hCV25745992	no	Discovery	Pool	All	T	2.16%	3.79%	0.040972564	0.56
hCV25654189	no	Discovery	Pool	All	G	0.69%	1.77%	0.042040535	0.38
hCV25932834	no	Discovery	Pool	All	G	18.87%	14.06%	0.00643918	1.42
hCV2438216	no	Discovery	Pool	All	G	70.76%	75.70%	0.014991722	0.78
hCV25771405	no	Discovery	Pool	All	T	99.21%	98.25%	0.042040535	2.25
hCV11976644	no	Discovery	Pool	All	C	10.49%	5.40%	2.99785E-05	2.05
hCV8848880	no	Discovery	Pool	All	A	92.28%	87.58%	0.000589391	1.69
hCV11976630	no	Discovery	Pool	All	T	49.63%	57.00%	0.001280773	0.74
hCV11976652	no	Discovery	Pool	All	G	91.82%	87.68%	0.003201827	1.58
hCV8848884	no	Discovery	Pool	All	C	95.93%	93.47%	0.024035986	1.65
hCV16135464	no	Discovery	Pool	All	T	40.23%	32.67%	0.000601702	1.39
hCV1545307	no	Discovery	Pool	All	G	98.26%	96.58%	0.01973113	2.00
hCV3293859	no	Discovery	Pool	All	G	80.78%	71.65%	4.43295E-06	1.66
hCV25953077	no	Discovery	Pool	All	C	84.46%	78.31%	0.000632511	1.51

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Marker	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV11691237	no	Discovery	Pool	All	T	84.36%	80.13%	0.016520772	1.34
hCV15867521	no	Discovery	Pool	All	T	9.28%	3.93%	2.79459E-06	2.50
hCV11917903	no	Discovery	Pool	All	G	90.86%	96.08%	4.07917E-06	0.41
hCV25654485	no	Discovery	Pool	All	T	2.03%	5.04%	0.000282044	0.39
hCV11691179	no	Discovery	Pool	All	G	90.36%	94.81%	0.000215461	0.51
hCV7469249	no	Discovery	Pool	All	T	91.00%	86.39%	0.00175466	1.59
hCV11972291	no	Discovery	Pool	All	G	99.69%	91.08%	6.04968E-23	31.34
hCV25996731	no	Discovery	Pool	All	T	27.35%	21.57%	0.003929944	1.37
hCV25958453	no	Discovery	Pool	All	G	88.73%	92.27%	0.009574728	0.66
hCV2437234	no	Discovery	Pool	All	A	69.82%	74.89%	0.013933548	0.78
hCV8942480	no	Discovery	Pool	All	G	94.01%	96.18%	0.032944592	0.62
hCV11681250	no	Discovery	Pool	All	G	38.58%	46.30%	0.000708847	0.73
hCV11195029	no	Discovery	Pool	All	G	28.33%	23.87%	0.028405891	1.26
hCV2978734	no	Discovery	Pool	All	G	74.20%	69.80%	0.036126242	1.24
hCV15888165	no	Discovery	Pool	All	T	99.20%	98.03%	0.034459004	2.50
hCV25474376	no	Discovery	Pool	All	G	72.84%	78.59%	0.003825161	0.73
hCV2986466	no	Discovery	Pool	All	G	92.89%	89.05%	0.004007103	1.61
hCV16135142	no	Discovery	Pool	All	G	73.32%	78.80%	0.00603893	0.74
hCV25606044	no	Discovery	Pool	All	T	13.72%	10.55%	0.035135266	1.35
hCV25953007	no	Discovery	Pool	All	T	2.93%	4.84%	0.033393769	0.59
hCV11159941	no	Discovery	Pool	All	T	97.44%	95.76%	0.042779017	1.69
hCV25984541	no	Discovery	Pool	All	A	9.55%	12.92%	0.02429628	0.71
hCV25922909	no	Discovery	Pool	All	T	99.93%	97.98%	1.93164E-05	29.33
hCV7514692	no	Discovery	Pool	All	C	21.77%	27.48%	0.004741751	0.73
hCV15874455	no	Discovery	Pool	All	T	5.27%	7.92%	0.026009759	0.65
hCV15876778	no	Discovery	Pool	All	T	20.62%	14.77%	0.000759591	1.50
hCV25630844	no	Discovery	Pool	All	T	19.38%	13.68%	0.001039291	1.52
hCV25630843	no	Discovery	Pool	All	T	19.72%	14.80%	0.005261751	1.41
hCV25630845	no	Discovery	Pool	All	G	80.80%	85.27%	0.010285352	0.73
hCV3233692	no	Discovery	Pool	All	G	77.92%	85.34%	2.54815E-05	0.61
hCV3052660	no	Discovery	Pool	All	G	96.00%	93.64%	0.022783838	1.63
hCV7513726	no	Discovery	Pool	All	T	15.39%	9.54%	0.000131463	1.72
hCV163035	no	Discovery	Pool	All	T	64.80%	69.68%	0.027764206	0.80